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1974

STATE DOCUMENTS

**1974 ESTIMATE OF THE COST OF  
COMPLETING THE NATIONAL SYSTEM OF INTERSTATE AND DEFENSE HIGHWAYS  
IN THE STATE OF MONTANA**

AUGUST 1973

( DATA AS OF DECEMBER 31, 1972 )

PREPARED BY  
MONTANA DEPARTMENT OF HIGHWAYS  
IN COOPERATION WITH THE  
U. S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION

IN ACCORDANCE WITH  
SECTION 104(b)(5), TITLE 23, U.S. CODE HIGHWAYS

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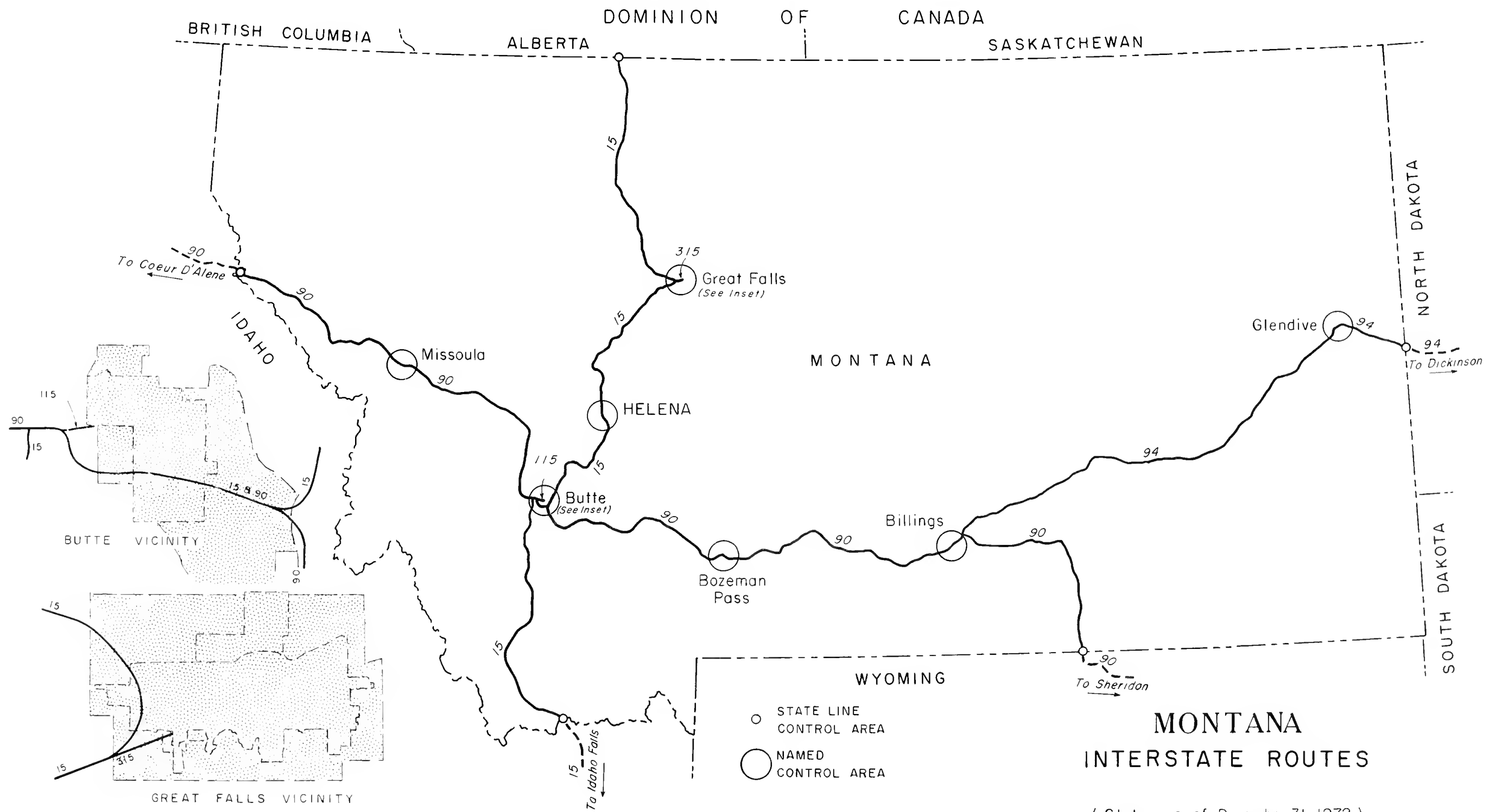


FIGURE 1

TABLE A

APPROVED INTERSTATE ROUTE DESCRIPTIONSState MONTANA

Route Number	Route Description	Length, Miles
15	From the Montana-Idaho State line at Monida Pass via Butte, Helena, and Great Falls to the international boundary at Sweetgrass	395.1
90	From the Montana-Idaho State line at Lookout Pass via Missoula to a point on Interstate Route 15 west of Butte, and from another point on Interstate Route 15 east of Butte via Bozeman Pass and Billings to the Montana-Wyoming State line north of Sheridan, Wyoming	543.7
94	From a point on Interstate Route 90 near Billings via Glendive to the Montana-North Dakota State line near Beach, North Dakota	247.8
115	From a point on Interstate Route 15 west of Butte, to Butte	1.4
315	From a point on Interstate Route 15 southwest of Great Falls, to Great Falls	0.8
Total		1188.8



TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE MontanaINTERSTATE ROUTE NO. 15Sheet 1 of 8 Sheets

ITEM	ESTIMATE SECTION													
	G1 G2	G2 G2.1	G2.1 G3	G3 G4	G4 G5	G5 G6	G6 G7	G7 G8.1	G8.1 G8.2	G8.2 G8.2.1	G8.2.1 G9	G9 G10	G10 G10.1	G10.1 G11
1. Section Length, miles (0.1)	1.6	6.9	3.5	5.0	5.6	1.9	13.3	7.8	5.3	1.4	2.4	3.0	2.3	3.3
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Urban Area identification (name and code)														
4. Location: Existing, new or toll (E, N or T)	N	E	E	E	N	N	N	N	N	E	E	N	N	N
5. Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	70	70	70	70	70	70	70	70	70	70	70	70	70	70
7. Base year traffic (1972 ADT)	740	740	850	830	830	930	840	1010	1010	1090	1090	1350	1510	990
8. Traffic: a. Design year (19 )	98	98	98	98	89	89	89	97	96	95	95	95	95	95
b. ADT Design year	1350	1350	1500	1500	1500	1350	1700	1900	1850	2100	2100	2550	3000	1700
c. DHV Design year	170	170	190	190	190	170	220	240	240	270	270	330	380	220
d. D Directional distribution factors	55	55	55	55	55	55	55	55	55	55	55	55	55	55
e. T Percent trucks design year (DHV)	15	15	15	15	15	15	15	11	11	11	11	11	11	10
f. T Percent trucks design year (ADT)	22	22	22	22	22	22	22	16	16	16	16	16	16	14
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads	1.6	5.2	3.1	2.7				4.4			0.4		0.1	3.3
11. Mileage with frontage roads		1.7	0.4	2.3	5.6	1.9	13.3	3.4	5.3	1.4	2.0	3.0	2.2	
12. Typical cross-section reference	20	20	20	20	20	30	30	20	20	30	20	20	30	30
13. Right -of-Way Width: Prevailing	300	400	370	450	300	350	360	300	270	300	300	300	300	300
14. Median Width: Prevailing	38	38	38	38	46	76	76	93	38	38	38	38	68	68

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE MontanaINTERSTATE ROUTE NO. 15Sheet 2 of 8 Sheets

ITEM	ESTIMATE SECTION														
	G11 G11.1	G11.1 G11.2	G11.2 G12	G12 G12.1	G12.1 G13	G13 G14	G14 G15	G15 G16	G16 G16.1	G16.1 G17.0.1	G17.0.1 G17.0.2	G17.0.2 G18.1	G18.1 G18.2	G18.2 G18.3	
1. Section Length, miles (0.1)	1.5	10.4	2.8	7.3	2.4	5.0	2.9	5.2	1.7	7.3	2.9	1.5	1.6	1.8	
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
3. Urban Area identification (name and code)															
4. Location: Existing, new or toll (E, N or T)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
5. Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
6. Design speed (V)	70	70	70	70	60	60	60	60	60	70	70	70	70	70	
7. Base year traffic (1972 ADT)	990	979	979	908	908	980	980	980	1016	1016	1067	1067	1104	1104	
8. Traffic: a. Design year (19 )	95	93	92	92	91	91	91	93	93	93	92	92	92	92	
b. ADT Design year	1700	1600	1600	1500	1500	1600	1600	1650	1750	1750	1800	1800	1850	1850	
c. DHV Design year	220	200	200	190	190	200	200	210	220	220	230	230	240	240	
d. D Directional distribution factors	55	55	55	55	55	55	55	55	55	55	55	55	55	55	
e. T Percent trucks design year (DHV)	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
f. T Percent trucks design year (ADT)	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
g. Assigned Corridor ADT design year															
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
10. Mileage without frontage roads	1.5	10.4		0.9						7.3				0.1	
11. Mileage with frontage roads			2.8	6.4	2.4	5.0	2.9	5.2	1.7		2.9	1.5	1.6	1.7	
12. Typical cross-section reference	30	30	30	30	30	30	30	30	30	30	30	30	30	20	
13. Right -of-Way Width: Prevailing	300	260	310	360	300	300	290	400	420	400	420	500	500	350	
14. Median Width: Prevailing	68	76	68	68	76	76	76	76	76	68	96	200	68	68	

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE Montana

INTERSTATE ROUTE NO. 15

Sheet 3 of 8 Sheets

ITEM	ESTIMATE SECTION													
	G18.3 G19	G19 G20.1	G20.1 G20.1.1	G20.1.1 G20.2	G20.2 G20.2.1	G20.2.1 G20.3	G20.3 G20.4	G20.4 G21	G21 G21.1	G21.1 G21.2	G21.2 G22.1	G22.1 G22.1.1	G22.1.1 G22.2	G22.2 G22.3
1. Section Length, miles (0.1)	1.0	1.5	0.4	2.7	1.8	2.0	0.8	0.6	0.3	3.2	0.1	5.6	3.2	7.2
2. Class: Rural or Urban (R or U)	R	R	R	R	R	U*	U*	U*	R	R	R	R	R	R
3. Urban Area identification (name and code)						359#	359#	359#						
4. Location: Existing, new or toll (E, N or T)	E	E	E	E	N	N	N	N	N	N	N	N	N	E
5. Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	70	60	60	60	60	70	70	70	50	50	70	70	70	50
7. Base year traffic (1972 ADT)	1104	1711	6716	7690	4865	8257	4845	4845	856	856	856	1323	1188	1188
8. Traffic: a. Design year (19 )	75	75	88	88	75	75	75	75	93	98	93	93	93	93
b. ADT Design year	1350	3050	11900	12200	5050	8600	4550	4550	1250	1300	1250	2000	1900	1900
c. DHV Design year	170	390	1380	1420	590	1000	530	530	190	200	190	300	290	290
d. D Directional distribution factors	55	55	60	60	60	60	60	60	55	55	55	55	55	55
e. T Percent trucks design year (DHV)	10	10	8	8	8	8	8	8	10	10	10	10	10	10
f. T Percent trucks design year (ADT)	14	14	12	12	12	12	12	12	15	15	15	15	15	15
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads	1.0	0.4	0.4	2.7	1.8	2.0	0.8	0.6		2.2				6.2
11. Mileage with frontage roads		1.1							0.3	1.0	0.1	5.6	3.2	1.0
12. Typical cross-section reference	30	30	30	30	31	31	31	31	20	20	30	30	30	40
13. Right -of-Way Width: Prevailing	300	280	350	240	400	300	280	350	300	300	300	400	400	300
14. Median Width: Prevailing	36	36	72	72	200	36	36	36	46	86	86	76	76	6

# Butte  
 \* Section is comparable to a corresponding section in the 1972 Estimate.

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE MontanaINTERSTATE ROUTE NO. 15  
Sheet 4 of 8 Sheets

ITEM	ESTIMATE SECTION													
	G22.3 G22.4	G22.4 G22.5	G22.5 G22.6	G22.6 G23.1	G23.1 G24	G24 G25.0.1	G25.0.1 G25.0.2	G25.0.2 G26.1	G26.1 G27	G27 G28.1	G28.1 G28.2	G28.2 G28.3	G28.3 G29	G29 G30
1. Section Length, miles (0.1)	5.1	2.7	4.4	1.5	6.8	5.5	5.4	3.6	5.6	1.8	0.8	0.2	1.2	6.1
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	U*	U*	U*	R
3. Urban Area identification (name and code)											361#	361#	361#	
4. Location: Existing, new or toll (E, N or T)	E	E	E	E	N	E	N	E	N	E	N	N	N	N
5. Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	60	60	50	70	70	50	70	70	70	70	70	70	60	70
7. Base year traffic (1972 ADT)	1111	1037	1204	1204	1529	1529	1639	2011	2475	2475	4639	4639	2405	2405
8. Traffic: a. Design year (19 )	97	97	96	96	92	92	89	87	87	75	75	75	75	75
b. ADT Design year	2150	2300	2400	2400	2600	2600	2550	3450	4350	3400	4900	4900	2600	2600
c. DHV Design year	320	350	360	360	390	390	380	520	650	510	740	740	390	390
d. D Directional distribution factors	55	55	55	55	55	55	55	55	55	55	55	55	55	55
e. T Percent trucks design year (DHV)	11	11	11	11	11	11	11	8	8	8	8	8	8	8
f. T Percent trucks design year (ADT)	15	15	15	15	15	15	15	12	12	12	12	12	12	12
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads	3.3	0.7	2.6	1.5		0.5			0.5	0.8	0.8	0.2	1.2	1.0
11. Mileage with frontage roads	1.8	2.0	1.8		6.8	5.0	5.4	3.6	5.1	1.0				5.1
12. Typical cross-section reference	30	30&40	30&40	50	30	30&40	30	30	30	30	30	30	30	30
13. Right -of-Way Width: Prevailing	300	300	300	500	410	450	310	320	320	300	270	250	250	300
14. Median Width: Prevailing	68	38	38	150	68	68	46	46	46	46	46	46	46	46

# Helena

\* Section is comparable to a corresponding section in the 1972 Estimate.

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE Montana

INTERSTATE ROUTE NO. 15

Sheet 5 of 8 Sheets

ITEM	ESTIMATE SECTION													
	G30 G31.1	G31.1 G31.2	G31.2 G32	G32 H1	H1 H2.0.1	H2.0.1 H2.0.2	H2.0.2 H3	H3 H4.0.1	H4.0.1 H4.0.2	H4.0.2 H5	H5 H6	H6 H7.1	H7.1 H7.2	H7.2 H8
1. Section Length, miles (0.1)	2.1	7.7	6.1	2.3	8.2	2.7	3.7	3.5	2.6	1.0	3.3	3.2	1.4	2.5
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Urban Area identification (name and code)														
4. Location: Existing, new or toll (E, N or T)	N	E	E	E	N	N	N	N	E	N	N	N	N	N
5. Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	70	50	70	50	50	50	50	50	50	50	50	50	50	70
7. Base year traffic (1972 ADT)	2059	1974	1974	1944	2170	1792	1792	1821	1821	1821	1826	1864	1864	1985
8. Traffic: a. Design year (19 )	75	75	91	75	75	75	85	85	87	89	89	86	86	96
b. ADT Design year	2200	2950	2200	2250	2200	2000	2450	2550	2650	2750	2800	2800	3150	3700
c. DHV Design year	330	330	440	340	330	300	370	380	400	410	420	420	470	560
d. D Directional distribution factors	55	55	55	55	55	55	55	55	55	55	55	55	55	55
e. T Percent trucks design year (DHV)	11	11	11	11	11	10	10	10	10	10	10	10	10	10
f. T Percent trucks design year (ADT)	15	15	15	15	15	15	15	15	15	15	15	15	15	15
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads		5.4	5.4	0.4	0.9	1.6		1.0						
11. Mileage with frontage roads	2.1	2.3	0.7	1.9	7.3	1.1	3.7	2.5	2.6	1.0	3.3	3.2	1.4	2.5
12. Typical cross-section reference	30	40	20	30	42	42	40	40	40	40	30	40	42	20
13. Right -of-Way Width: Prevailing	250	290	310	500	300	320	310	320	320	380	300	340	320	400
14. Median Width: Prevailing	46	46	68	46	8	8	8	46	8	46	46	8	8	38

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE MontanaINTERSTATE ROUTE NO. 15  
Sheet 6 of 8 Sheets

ITEM	ESTIMATE SECTION													
	H8 H9.1	H9.1 H9.2	H9.2 H10	H10 H11.0.1	H11.0.1 H11.0.2	H11.0.2 H12	H12 H13	H13 H14	H14 H15	H15 H16	H16 H17	H17 H18	H18 H18.1	H18.1 H19
1. Section Length, miles (0.1)	5.7	1.5	4.6	2.4	5.4	0.3	2.3	4.7	0.8	1.2	1.2	1.0	0.8	1.3
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	U*	U*	U*	R	R
3. Urban Area identification (name and code)										357#	357#	357#		
4. Location: Existing, new or toll (E, N or T)	N	N	N	N	N	N	N	N	N	N	N	N	N	N
5. Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	70	70	70	50	70	70	60	70	50	60	70	70	70	70
7. Base year traffic (1972 ADT)	1753	2225	2225	2225	2971	2971	2971	2971	6358	5256	3831	3831	4901	4901
8. Traffic: a. Design year (19 )	96	96	96	75	89	89	88	88	84	84	84	84	84	75
b. ADT Design year	3450	4450	4450	3000	4450	4450	4400	4400	11600	7250	5400	5400	7700	6350
c. DHV Design year	520	670	670	450	670	670	660	660	1240	780	580	580	820	680
d. D Directional distribution factors	55	55	55	55	55	55	55	55	60	60	55	55	55	55
e. T Percent trucks design year (DHV)	10	10	10	10	10	10	10	10	10	7	7	7	7	7
f. T Percent trucks design year (ADT)	15	15	15	15	15	15	15	15	15	10	10	10	10	10
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads	0.5									1.2				
11. Mileage with frontage roads	5.2	1.5	4.6	2.4	5.4	0.3	2.3	4.7	0.8		1.2	1.0	0.8	1.3
12. Typical cross-section reference	20	20	20	30	30	30	30	30	31	31	31	31	31	30
13. Right -of-Way Width: Prevailing	360	360	320	300	320	340	340	320	360	250	350	280	340	280
14. Median Width: Prevailing	38	68	68	76	76	76	76	76	46	46	46	46	46	46

# Great Falls

\* Section is comparable to a corresponding section in the 1972 Estimate.

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE MontanaINTERSTATE ROUTE NO. 15  
Sheet 7 of 8 Sheets

ITEM	ESTIMATE SECTION													
	H19 H20.0.1	H20.0.1 H21.1	H21.1 H21.2	H21.2 H22	H22 H23.1	H23.1 H24	H24 H25.0.1	H25.0.1 H25.0.2	H25.0.2 I1.0.1	I1.0.1 I2	I2 I3	I3 I4	I4 I5	I5 I6.1
1. Section Length, miles (0.1)	7.0	10.1	7.8	5.5	7.1	1.0	2.8	7.7	9.0	11.1	1.3	4.1	2.9	3.0
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Urban Area identification (name and code)														
4. Location: Existing, new or toll (E, N or T)	N	N	N	N	N	N	N	N	N	N	N	N	E	E
5. Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	60	50	70	70	70	70	70	70	70	70	70	70	70	60
7. Base year traffic (1972 ADT)	2616	2445	2294	2172	2124	2124	2124	2222	2073	1247	1247	1592	1592	1319
8. Traffic: a. Design year (19 )	75	91	91	94	97	98	98	98	91	91	93	93	93	75
b. ADT Design year	2550	3400	3300	3000	3200	3200	3200	3550	3650	2400	2450	2500	2500	1650
c. DHV Design year	380	510	500	450	480	480	480	530	550	360	370	370	370	250
d. D Directional distribution factors	55	55	55	55	55	55	55	55	55	55	55	55	55	55
e. T Percent trucks design year (DHV)	11	11	11	12	12	12	12	12	10	11	11	11	11	14
f. T Percent trucks design year (ADT)	16	16	16	17	17	17	17	17	15	16	16	16	16	20
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads				0.3	0.6									1.3
11. Mileage with frontage roads	7.0	10.1	7.8	5.2	6.5	1.0	2.8	7.7	9.0	11.1	1.3	4.1	2.9	1.7
12. Typical cross-section reference	30	30	30	30	30	20	20	20	30	30	30	30	30	30
13. Right -of-Way Width: Prevailing	300	380	460	425	460	400	440	340	300	300	450	480	460	320
14. Median Width: Prevailing	46	76	76	68	68	68	68	68	76	76	76	76	76	56



TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE Montana

INTERSTATE ROUTE NO. 15  
 Sheet 8 of 8 Sheets

ITEM	ESTIMATE SECTION								Subtotal		
	I6.1 I6.2	I6.2 I7	I7 I8.1	I8.1 I8.2	I8.2 I9	I9 I10	I10 I11		Rural	Urban	Total for Rte.
1. Section Length, miles (0.1)	2.6	12.0	9.2	4.2	3.3	0.9	0.3		386.1	9.0	395.1
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R				
3. Urban Area identification (name and code)											
4. Location: Existing, new or toll (E, N or T)	E	E	E	E	E	E	E				
5. Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1				
6. Design speed (V)	70	70	70	70	70	70	70				
7. Base year traffic (1972 ADT)	1319	854	1102	882	850	850	1100				
8. Traffic: a. Design year (19 )	98	98	89	95	95	75	75				
b. ADT Design year	2450	1900	1750	1450	1350	950	1250				
c. DHV Design year	370	290	260	220	200	140	190				
d. D Directional distribution factors	55	55	55	55	55	55	55				
e. T Percent trucks design year (DHV)	14	14	14	14	14	14	14				
f. T Percent trucks design year (ADT)	20	21	21	21	21	21	21				
g. Assigned Corridor ADT design year											
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4				
10. Mileage without frontage roads	1.0	0.5		2.6	2.8	0.9			91.8	6.8	98.6
11. Mileage with frontage roads	1.6	11.5	9.2	1.6	0.5		0.3		294.3	2.2	296.5
12. Typical cross-section reference	20	20	30	20	20	30	30				
13. Right -of-Way Width: Prevailing	250	250	410	300	300	260	280				
14. Median Width: Prevailing	38	38	46	38	38	50	50				

Signature: [Signature] Director of Highways July 16, 1973  
 State: \_\_\_\_\_ Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
 FHWA: [Signature] Division Engineer July 16, 1973  
 Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 15  
Sheet 1 of 8 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	G1 G2	G2 G2.1	G2.1 G3	G3 G4	G4 G5	G5 G6	G6 G7	G7 G8.1	G8.1 G8.2	G8.2 G8.2.1	G8.2.1 G9	G9 G10	G10 G10.1	G10.1 G11
Section Length, miles (0.1)	23 1.6	22 6.9	22 3.5	22 5.0	23 5.6	20 1.9	20 13.3	23 7.8	23 5.3	22 1.4	22 2.4	23 3.0	23 2.3	23 3.3
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Urban Area Identification (name and code)														
Location: Existing, new or toll (E, N or T)	N	E	E	E	N	N	N	N	N	E	E	N	N	N
Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	2	2	2	2	0	0	0	2	2	4	2	2	4	4
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement Dec. 31, 1972 (PR-511)	2a(2)f	2a(2)f	2a(2)f	2a(2)f	1a(1)f	1a(1)f	1a(1)f	2a(2)f	2a(2)f	3a(2)	2a(2)f	2a(2)f	4a(1)	4a(1)
WORK CLASSIFICATION														
1. Preliminary Engineering			3	4				24	35	4	7	9	7	9
2. Right -of-Way														
a. Right -of-Way and acquisition	5	14	8	12				124	53	0	17			
b. Relocation payments and services														
3. Clear & grub														
4. Utility adjustments	8	67	16	16	6				8	6	30			
5. Grade & drain; minor structures	138	594	246	495				786	579	194	332	415	179	225
6. Subbase; base; surfacing; shoulders	149		275	392				545	430	144	246	308	354	477
7. R.R. grade separations	262	644		454										
8. Highway grade separations without ramps		139						110	945	32				423
9. Interchanges	190		54	121				153		210		162	467	601
10. Other bridges; tunnels								289	556	110	269		250	185
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices	11	46	26	37				127	71	22	38	48	45	65
b. Motorist service signs			3	31						1			1	2
c. Safety improvements on completed sections														
13. Roadside improvement														
a. Erosion Control	15	66	40	57				93	54	23	39	48	5	7
b. Landscape Planting	2		2	2				2		2		2	38	38
c. Safety rest areas											189			
d. Scenic overlooks														
14. All other items	13	57	40	57				63	39	16	27	34		
15. Subtotal, lines 3 to 14	788	1613	802	1662	6			2168	2682	760	1170	1017	1339	2023
16. Construction Engineering & Contingencies, 10% of Line 15	118	242	120	249	1			325	402	114	176	153	201	303
17. Total Cost of Construction, Lines 15 & 16	906	1855	922	1911	7			2493	3084	874	1346	1170	1540	2326
18. Total Estimate Cost, line 1, 2 & 17	911	1869	933	1927	7			2641	3172	878	1370	1179	1547	2335

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 15  
Sheet 2 of 8 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	G11 G11.1	G11.1 G11.2	G11.2 G12	G12 G12.1	G12.1 G13	G13 G14	G14 G15	G15 G16	G16 G16.1	G16.1 G17.0.1	G17.0.1 G17.0.2	G17.0.2 G18.1	G18.1 G18.2	G18.2 G18.3
	21 1.5	21 10.4	23 2.8	23 7.3	23 2.4	23 5.0	23 2.9	23 5.2	23 1.7	23 7.3	23 2.9	23 1.5	23 1.6	23 1.8
Section Length, miles (0.1)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Class: Rural or Urban (R or U)														
Urban Area Identification (name and code)														
Location: Existing, new or toll (E, N or T)	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	0	0	0	0	0	0	4	4	4	4	4	4	4	2
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement Dec. 31, 1972 (PR-511)	3a(2)	3a(2)	3a(2)	3a(2)	3a(2)	3a(2)	3a(2)	3a(3)	3a(3)	4a(1)	4a(1)	4a(1)	4a(1)	2a(2)f
WORK CLASSIFICATION														
1. Preliminary Engineering														
2. Right -of-Way														
a. Right -of-Way and acquisition				121										
b. Relocation payments and services														
3. Clear & grub														
4. Utility adjustments														
5. Grade & drain; minor structures			62	161	12	25	64	2	1	2126	598	309	330	151
6. Subbase; base; surfacing; shoulders			13	35				638	209	1153	499	258	275	174
7. R.R. grade separations														
8. Highway grade separations without ramps										305	186			
9. Interchanges								16	123	11	249		293	2
10. Other bridges; tunnels														
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices			1	2				86	28	151	56	29	31	38
b. Motorist service signs								1		1	0			
c. Safety improvements on completed sections														
13. Roadside improvement														
a. Erosion Control			2	5				14	5	75	50	26	28	19
b. Landscape Planting											2		2	
c. Safety rest areas										357				
d. Scenic overlooks														
14. All other items								34	11	127	41	21	23	14
15. Subtotal, lines 3 to 14			78	203	12	25	64	791	377	4306	1681	643	982	398
16. Construction Engineering & Contingencies, 10% of Line 15			12	30	2	4	10	119	57	646	252	96	147	60
17. Total Cost of Construction, Lines 15 & 16			90	233	14	29	74	910	434	4952	1933	739	1129	458
18. Total Estimate Cost, line 1, 2 & 17			90	354	14	29	74	910	434	4952	1933	739	1129	458

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 15  
Sheet 3 of 8 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	G18.3 G19	G19 G20.1	G20.1 G20.1.1	G20.1.1 G20.2	G20.2 G20.2.1	G20.2.1 G20.3	G20.3 G20.4	G20.4 G21	G21 G21.1	G21.1 G21.2	G21.2 G22.1	G22.1 G22.1.1	G22.1.1 G22.2	G22.2 G22.3
	22	22	22	22	23	23	23	23	23	23	23	23	23	22
Section Length, miles (0.1)	1.0	1.5	0.4	2.7	1.8	2.0	0.8	0.6	0.3	3.2	0.1	5.6	3.2	7.2
Class: Rural or Urban (R or U)	R	R	R	R	R	U*	U*	U*	R	R	R	R	R	R
Urban Area Identification (name and code)						359#	359#	359#						
Location: Existing, new or toll (E, N or T)	E	E	E	E	N	N	N	N	N	N	N	N	N	E
Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	0	0	0	0	0	0	0	0	2	2	4	4	4	4
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement Dec. 31, 1972 (PR-511)	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	2a(2)f	2a(2)f	4a(1)	4a(1)	4a(1)	4a(1)
WORK CLASSIFICATION														
1. Preliminary Engineering				1	1	1	0	0				8	5	102
2. Right -of-Way														
a. Right -of-Way and acquisition														254
b. Relocation payments and services														1
3. Clear & grub														108
4. Utility adjustments														58
5. Grade & drain; minor structures									68	731	26	1609	635	5136
6. Subbase; base; surfacing; shoulders									39	414	27	926	484	1084
7. R.R. grade separations									164					
8. Highway grade separations without ramps										49		210		
9. Interchanges									20	1	3	592	5	
10. Other bridges; tunnels													76	
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices									8	82	10	114	32	171
b. Motorist service signs			2					2				1		
c. Safety improvements on completed sections	33	50	13	90	60	67	27	20						
13. Roadside improvement									4	46	17	128	60	16
a. Erosion Control														
b. Landscape Planting														
c. Safety rest areas														449
d. Scenic overlooks										197				
14. All other items									4	48	3	105	44	
15. Subtotal, lines 3 to 14	33	50	15	90	60	67	27	22	307	1568	86	3685	1336	7022
16. Construction Engineering & Contingencies, 10% of Line 15	5	8	2	14	9	10	4	3	46	235	13	553	200	1053
17. Total Cost of Construction, Lines 15 & 16	38	58	17	104	69	77	31	25	353	1803	99	4238	1536	8075
18. Total Estimate Cost, line 1, 2 & 17	38	58	17	105	70	78	31	25	353	1803	99	4246	1541	8432

# Butte

\* Section is comparable to a corresponding section in the 1972 Estimate.

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 15  
Sheet 4 of 8 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	G22.3 G22.4	G22.4 G22.5	G22.5 G22.6	G22.6 G23.1	G23.1 G24	G24 G25.0.1	G25.0.1 G25.0.2	G25.0.2 G26.1	G26.1 G27	G27 G28.1	G28.1 G28.2	G28.2 G28.3	G28.3 G29	G29 G30
	22	22	22	22	23	21	23	22	20	20	23	23	23	23
Section Length, miles (0.1)	5.1	2.7	4.4	1.5	6.8	5.5	5.4	3.6	5.6	1.8	0.8	0.2	1.2	6.1
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	U*	U*	U*	R
Urban Area identification (name and code)											361#	361#	361#	
Location: Existing, new or toll (E, N or T)	F	E	E	F	N	F	N	E	N	E	N	N	N	N
Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	4	4	4	4	0	4	0	0	0	0	0	0	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement Dec. 31, 1972 (PR-511)	4a(3)	4a(3)	4a(1)	4a(1)	3a(2)	3a(2)	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f
WORK CLASSIFICATION														
1. Preliminary Engineering	73	39	69	23										
2. Right -of-Way														
a. Right -of-Way and acquisition	34	173	54	18										
b. Relocation payments and services		57	3											
3. Clear & grub	60	30	66	23										
4. Utility adjustments	26	33	31	10										
5. Grade & drain; minor structures	1067	1125	2837	684	10									
6. Subbase; base; surfacing; shoulders	690	412	666	225										
7. R.R. grade separations			993											
8. Highway grade separations without ramps														
9. Interchanges	426	421	338		22		22	22						
10. Other bridges; tunnels	491	656	183	246	123									
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices	53	135	179	74	18									
b. Motorist service signs	3	1	0											
c. Safety improvements on completed sections											25	6	38	193
13. Roadside improvement														
a. Erosion Control	10	69	10	3										
b. Landscape Planting	38	38	38											
c. Safety rest areas														
d. Scenic overlooks														
14. All other items			40											
15. Subtotal, lines 3 to 14	2864	2920	5381	1265	173		22	22			25	6	38	193
16. Construction Engineering & Contingencies, 10% of Line 15	430	438	807	190	26		3	3			4	1	6	29
17. Total Cost of Construction, Lines 15 & 16	3294	3358	6188	1455	199		25	25			29	7	44	222
18. Total Estimate Cost, line 1, 2 & 17	3401	3627	6314	1496	199		25	25			29	7	44	222

# Helena

\* Section is comparable to a corresponding section in the 1972 Estimate.

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 15  
Sheet 5 of 8 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	G30 G31.1	G31.1 G31.2	G31.2 G32	G32 H1	H1 H2.0.1	H2.0.1 H2.0.2	H2.0.2 H3	H3 H4.0.1	H4.0.1 H4.0.2	H4.0.2 H5	H5 H6	H6 H7.1	H7.1 H7.2	H7.2 H8
	23	22	20	22	23	23	23	23	22	23	23	23	23	23
Section Length, miles (0.1)	6.1	7.7	6.1	2.3	8.2	2.7	3.7	3.5	2.6	1.0	3.3	3.2	1.4	2.5
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Urban Area identification (name and code)														
Location: Existing, new or toll (E, N or T)	N	E	F	E	N	N	N	N	F	N	N	N	N	N
Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	2
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement Dec. 31, 1972 (PR-511)	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	2a(2)f
WORK CLASSIFICATION														
1. Preliminary Engineering												2	1	12
2. Right -of-Way														
a. Right -of-Way and acquisition														
b. Relocation payments and services														
3. Clear & grub														
4. Utility adjustments														
5. Grade & drain; minor structures											30	29	13	268
6. Subbase; base; surfacing; shoulders											12	12	5	305
7. R.R. grade separations														
8. Highway grade separations without ramps														82
9. Interchanges						44								297
10. Other bridges; tunnels														
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices											2	2	1	19
b. Motorist service signs														
c. Safety improvements on completed sections	67	244		73	260	86	117	111	82	32		117	51	
13. Roadside improvement														
a. Erosion Control											8	7	3	23
b. Landscape Planting														8
c. Safety rest areas					148									
d. Scenic overlooks														
14. All other items	57													62
15. Subtotal, lines 3 to 14	124	244		73	408	130	117	111	82	32	52	167	73	1064
16. Construction Engineering & Contingencies, 10% of Line 15	19	37		11	61	20	18	17	12	5	8	25	11	160
17. Total Cost of Construction, Lines 15 & 16	143	281		84	469	150	135	128	94	37	60	192	84	1224
18. Total Estimate Cost, line 1, 2 & 17	142	281		84	469	150	135	128	94	37	60	194	85	1236

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 15  
Sheet 6 of 8 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	H8 H9.1	H9.1 H9.2	H9.2 H10	H10 H11.0.1	H11.0.1 H11.0.2	H11.0.2 H12	H12 H13	H13 H14	H14 H15	H15 H16	H16 H17	H17 H18	H18 H18.1	H18.1 H19
Section Length, miles (0.1)	23 5.7	23 1.5	23 4.6	23 2.4	20 5.4	23 0.3	20 2.3	23 4.7	23 0.8	23 1.2	23 1.2	23 1.0	23 0.8	23 1.3
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	U*	U*	U*	R	R
Urban Area Identification (name and code)										357#	357#	357#		
Location: Existing, new or toll (E, N or T)	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	2	2	2	0	0	0	0	0	0	0	0	0	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement Dec. 31, 1972 (PR-511)	2a(2)f	2a(2)f	2a(2)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f
WORK CLASSIFICATION														
1. Preliminary Engineering	26	7	21	1					0	1	1	0	0	1
2. Right-of-Way														
a. Right-of-Way and acquisition														
b. Relocation payments and services														
3. Clear & grub														
4. Utility adjustments														
5. Grade & drain; minor structures	611	161	493											
6. Subbase; base; surfacing; shoulders	696	183	562											
7. R.R. grade separations														
8. Highway grade separations without ramps	65		200											
9. Interchanges	139	157				22								
10. Other bridges; tunnels														
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices	42	11	34											
b. Motorist service signs	1	1												
c. Safety improvements on completed sections				88					29	44	44	37	29	48
13. Roadside improvement														
a. Erosion Control	53	14	43											
b. Landscape Planting	2	2												
c. Safety rest areas	340													
d. Scenic overlooks														
14. All other items	140	37	113											
15. Subtotal, lines 3 to 14	2089	566	1445	88		22			29	44	44	37	29	48
16. Construction Engineering & Contingencies, 10% of Line 15	313	85	217	13		3			4	7	7	6	4	7
17. Total Cost of Construction, Lines 15 & 16	2402	651	1662	101		25			33	51	51	43	33	55
18. Total Estimate Cost, line 1, 2 & 17	2428	658	1683	102		25			33	52	52	43	33	56

# Great Falls  
 \* Section is comparable to a corresponding section in the 1972 Estimate.



TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 15  
Sheet 7 of 8 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	H19 H20.0.1	H20.0.1 H21.1	H21.1 H21.2	H21.2 H22	H22 H23.1	H23.1 H24	H24 H25.0.1	H25.0.1 H25.0.2	H25.0.2 I1.0.1	I1.0.1 I2	I2 I3	I3 I4	I4 I5	I5 I6.1
	23	23	23	23	23	23	23	23	23	23	23	23	22	22
Section Length, miles (0.1)	7.0	10.1	7.8	5.5	7.1	1.0	2.8	7.7	9.0	11.1	1.3	4.1	2.9	3.0
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Urban Area Identification (name and code)														
Location: Existing, new or toll (E, N or T)	N	N	N	N	N	N	N	N	N	N	N	N	E	E
Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	0	4	0	4	4	2	2	2	0	4	4	4	4	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement Dec. 31, 1972 (PR-511)	1a(1)f	1a(1)f	1a(1)f	2b(2)n	2b(2)n	2a(2)f	2a(2)f	2a(2)f	1a(1)f	1a(1)f	4a(1)	4a(1)	4a(1)	1a(1)f
WORK CLASSIFICATION														
1. Preliminary Engineering	3	26		136		6	33	92			5	17	12	
2. Right -of-Way														
a. Right -of-Way and acquisition							11	41	50		10	40	30	
b. Relocation payments and services														
3. Clear & grub														
4. Utility adjustments														
5. Grade & drain; minor structures			215	1456	1095	91	242	666			273	860	608	
6. Subbase; base; surfacing; shoulders			423	1304	1644	112	342	940	89	97	400	1261	892	
7. R.R. grade separations														
8. Highway grade separations without ramps					174			63			210		211	
9. Interchanges	115			308	307		0	146	22	678		432	6	115
10. Other bridges; tunnels					724							937		
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices				56	89	7	18	48		1	25	80	57	1
b. Motorist service signs				1				1				2		1
c. Safety improvements on completed sections	257		8						5	6				113
13. Roadside improvement				88	82	4	14	37		5	56	176	125	
a. Erosion Control														
b. Landscape Planting				2	2			2						
c. Safety rest areas		288			348							424		
d. Scenic overlooks														
14. All other items				93	95	8	24	66		21	31	96	173	
15. Subtotal, lines 3 to 14	372	288	646	3308	4560	222	640	1969	116	808	995	4268	2072	230
16. Construction Engineering & Contingencies, 10% of Line 15	56	43	97	496	684	33	96	295	17	121	149	640	311	35
17. Total Cost of Construction, Lines 15 & 16	428	331	743	3804	5244	255	736	2264	133	929	1144	4908	2383	265
18. Total Estimate Cost, line 1, 2 & 17	431	357	743	3940	5244	261	780	2397	183	929	1159	4965	2425	265

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 15  
Sheet 8 of 8 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE								Subtotal		
	I6.1 I6.2	I6.2 I7	I7 I8.1	I8.1 I8.2	I8.2 I9	I9 I10	I10 I11		Rural	Urban	Total for Rte.
Section Length, miles (0.1)	2.6	12.0	9.2	4.2	3.3	0.9	0.3		386.1	9.0	395.1
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R				
Urban Area Identification (name and code)											
Location: Existing, new or toll (E, N or T)	E	F	E	E	E	E	E				
Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1				
No. Lanes to be constructed this estimate	2	2	0	2	2	0	0				
No. through traffic lanes	4	4	4	4	4	4	4				
Status of improvement Dec. 31, 1972 (PR-511)	2a(2)f	2a(2)f	1a(1)f	2a(2)f	2a(2)f	1a(1)f	1a(1)f				
WORK CLASSIFICATION											
1. Preliminary Engineering	5	23							852	3	855
2. Right -of-Way									1069		1069
a. Right -of-Way and acquisition									61		61
b. Relocation payments and services									287		287
3. Clear & grub									360		360
4. Utility adjustments				25	20				31601		31601
5. Grade & drain; minor structures	199	919		739	581				23218		23218
6. Subbase; base; surfacing; shoulders	291	1344		427	336				2787		2787
7. R.R. grade separations				270					3545		3545
8. Highway grade separations without ramps		141							8218		8218
9. Interchanges		526		175	205				5095		5095
10. Other bridges; tunnels											
11. Walls											
12. Traffic control and safety improvements											
a. Guardrail; fencing; lighting; traffic control devices	34	156		79	62				2658		2658
b. Motorist service signs		1		2	1				58	2	60
c. Safety improvements on completed sections		1	8			8	3		2282	308	2590
13. Roadside improvement									2095		2095
a. Erosion Control	33	152		77	61				235		235
b. Landscape Planting		7		2	2				2543		2543
c. Safety rest areas									197		197
d. Scenic overlooks									2088		2088
14. All other items	20	107		47	37				87267	310	87577
15. Subtotal, lines 3 to 14	577	3354	8	1843	1305	8	3				
16. Construction Engineering & Contingencies, 10% of Line 15	87	503	1	276	196	1	0		13090	48	13138
17. Total Cost of Construction, Lines 15 & 16	664	3857	9	2119	1501	9	3		100357	358	100715
18. Total Estimate Cost, line 1, 2 & 17	669	3880	9	2119	1501	9	3		102339	361	102700

Signature: [Signature] Director of Highways July 16, 1973  
 State: Montana Name [Name] Title [Title] Date [Date]

[Signature] Division Engineer July 16, 1973  
 FHWA: [Name] Name [Name] Title [Title] Date [Date]

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES AND SAFETY REST AREAS  
BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE Montana

INTERSTATE ROUTE NO. 15  
Sheet 1 of 8 Sheets

[illegible]

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES AND SAFETY REST AREAS  
BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE Montana

INTERSTATE ROUTE NO. 15  
Sheet 2 of 8 Sheets

[illegible]

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES AND SAFETY REST AREAS  
BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE Montana

INTERSTATE ROUTE NO. 15  
Sheet 3 of 8 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	G18.3 G19	G19 G20.1	G20.1 G20.1.1	G20.1.1 G20.2	G20.2 G20.2.1	G20.2.1 G20.3	G20.3 G20.4	G20.4 G21	G21 G21.1	G21.1 G21.2	G21.2 G22.1	G22.1 G22.1.1	G22.1.1 G22.2	G22.2 G22.3
	22	22	22	22	23	23	23	23	23	23	23	23	23	22
Section length, miles (0.1)	1.0	1.5	0.4	2.7	1.8	2.0	0.8	0.6	0.3	3.2	0.1	5.6	3.2	7.2
Class: Rural or Urban (R or U)	R	R	R	R	R	U*	U*	U*	R	R	R	R	R	R
Urban Area identification (name and code)						359#	359#	359#						
Location: Existing, new or toll (E, N or T)	E	E	E	E	N	N	N	N	N	N	N	N	N	E
Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	0	0	0	0	0	0	0	0	2	2	4	4	4	4
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement, Dec. 31, 1972 (PR-511)	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	2a(2)f	2a(2)f	4a(1)	4a(1)	4a(1)	4a(1)
ESTIMATED COSTS (\$1,000) AND NUMBER OF UNITS														
Item No. From Table C	WORK CLASSIFICATION													
	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units
7. R.R. grade separations - Total cost														
a. No. to be constructed										1				
Cost										164				
b. No. in service or authorized		1			3					1				
Cost														
8. Highway grade separations without ramps-Total Cost														
a. No. to be constructed										1		1		
Cost										49		210		
b. No. in service or authorized						2	1	1						
Cost														
9. Interchanges - Total Cost														
a. No. to be constructed									1	1	1	2	1	
Cost									20	1	3	592	5	
b. No. in service or authorized		1			1	2		1						
Cost														
10. Other bridges and tunnels - Total cost														
a. No. to be constructed													1	
Cost													76	
b. No. in service or authorized														
Cost														
ESTIMATED COSTS (\$1,000) AND NUMBER OF SAFETY REST AREAS														
13c. Safety rest areas - Total cost														
a. No. to be constructed														2
Cost														449
b. No. in service or authorized														
Cost														

# Great Falls  
\* Section is comparable to a corresponding section in the 1972 Estimate.

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES AND SAFETY REST AREAS  
BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE Montana

INTERSTATE ROUTE NO. 15  
Sheet 4 of 8 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	G22.3 G22.4	G22.4 G22.5	G22.5 G22.6	G22.6 G23.1	G23.1 G24	G24 G25.0.1	G25.0.1 G25.0.2	G25.0.2 G26.1	G26.1 G27	G27 G28.1	G28.1 G28.2	G28.2 G28.3	G28.3 G29	G29 G30
	22	22	22	22	23	21	23	22	20	20	23	23	23	23
Section length, miles (0.1)	5.1	2.7	4.4	1.5	6.8	5.5	5.4	3.6	5.6	1.8	0.8	0.2	1.2	6.1
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	U*	U*	U*	R
Urban Area identification (name and code)											361#	361#	361#	
Location: Existing, new or toll (E, N or T)	E	E	E	E	N	E	N	E	N	E	N	N	N	N
Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	4	4	4	4	0	4	0	0	0	0	0	0	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement, Dec. 31, 1972 (PR-511)	4a(3)	4a(3)	4a(1)	4a(1)	3a(2)	3a(2)	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f
ESTIMATED COSTS (\$1,000) AND NUMBER OF UNITS														
<u>Item No. From</u> <u>Table C</u>	<u>Units</u>	<u>Units</u>	<u>Units</u>	<u>Unit</u>	<u>Units</u>	<u>Units</u>	<u>Units</u>	<u>Units</u>	<u>Units</u>	<u>Units</u>	<u>Units</u>	<u>Units</u>	<u>Units</u>	<u>Units</u>
7. R.R. grade separations - Total cost														
a. No. to be constructed			1											
Cost			993											
b. No. in service or authorized									1			1		
Cost														
8. Highway grade separations without ramps-Total Cost														
a. No. to be constructed														
Cost														
b. No. in service or authorized					2	1		1	2				1	1
Cost														
9. Interchanges - Total Cost														
a. No. to be constructed	1	1	1		1		1	1						
Cost	426	421	338		22		22	22						
b. No. in service or authorized					1		1	1	1		1		1	1
Cost														
10. Other bridges and tunnels - Total cost														
a. No. to be constructed	2	2	1	1	1									
Cost	491	656	183	246	123									
b. No. in service or authorized							3	2						1
Cost														
ESTIMATED COSTS (\$1,000) AND NUMBER OF SAFETY REST AREAS														
13c. Safety rest areas - Total cost														
a. No. to be constructed														
Cost														
b. No. in service or authorized							2							
Cost														

# Helena  
\* Section is comparable to a corresponding section in the 1972 Estimate.

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES AND SAFETY REST AREAS  
BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE Montana

INTERSTATE ROUTE NO. 15  
Sheet 5 of 8 Sheets

[illegible]



TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES AND SAFETY REST AREAS  
BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE Montana

INTERSTATE ROUTE NO. 15  
Sheet 6 of 8 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	H8 H9.1	H9.1 H9.2	H9.2 H10	H10 H11.0.1	H11.0.1 H11.0.2	H11.0.2 H12	H12 H13	H13 H14	H14 H15	H15 H16	H16 H17	H17 H18	H18 H18.1	H18.1 H19
	23 5.7	23 1.5	23 4.6	23 2.4	20 5.4	23 0.3	20 2.3	20 4.7	23 0.8	23 1.2	23 1.2	23 1.0	23 0.8	23 1.3
Section length, miles (0.1)														
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	U*	U*	U*	R	R
Urban Area identification (name and code)										357#	357#	357#		
Location: Existing, new or toll (E, N or T)	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	2	2	2	0	0	0	0	0	0	0	0	0	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement, Dec. 31, 1972 (PR-511)	2a(2)f	2a(2)f	2a(2)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f
ESTIMATED COSTS (\$1,000) AND NUMBER OF UNITS														
Item No. From Table C	WORK CLASSIFICATION	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units
7. R.R. grade separations - Total cost														
a. No. to be constructed														
Cost														
b. No. in service or authorized													1	
Cost														
8. Highway grade separations without ramps-Total Cost														
a. No. to be constructed	1		1											
Cost	65		200											
b. No. in service or authorized	1				1			1			2	1		1
Cost														
9. Interchanges - Total Cost														
a. No. to be constructed	1	1				1								
Cost	139	157				22								
b. No. in service or authorized	1	1			1				1	1	1			
Cost														
10. Other bridges and tunnels - Total cost														
a. No. to be constructed														
Cost														
b. No. in service or authorized				2							1			
Cost														
ESTIMATED COSTS (\$1,000) AND NUMBER OF SAFETY REST AREAS														
13c. Safety rest areas - Total cost														
a. No. to be constructed	1													
Cost	340													
b. No. in service or authorized														
Cost														

# Great Falls  
\* Section is comparable to a corresponding  
section in the 1972 Estimate.

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES AND SAFETY REST AREAS  
BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE Montana

INTERSTATE ROUTE NO. 15  
Sheet 7 of 8 Sheets

[illegible]

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES AND SAFETY REST AREAS  
BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE Montana

INTERSTATE ROUTE NO. 15  
Sheet 8 of 8 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE											Subtotal		Total for Rte.
	I6.1 I6.2	I6.2 I7	I7 I8.1	I8.1 I8.2	I8.2 I9	I9 I10	I10 I11					Rural	Urban	
	22	22	22	22	22	22	22							
Section length, miles (0.1)	2.6	12.0	9.2	4.2	3.3	0.9	0.3					386.1	9.0	395.1
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R							
Urban Area identification (name and code)														
Location: Existing, new or toll (E, N or T)	E	E	E	E	E	E	E							
Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1							
No. Lanes to be constructed this estimate	2	2	0	2	2	0	0							
No. through traffic lanes	4	4	4	4	4	4	4							
Status of improvement, Dec. 31, 1972 (PR-511)	2a(2)f	2a(2)f	1a(1)f	2a(2)f	2a(2)f	1a(1)f	1a(1)f							
ESTIMATED COSTS (\$1,000) AND NUMBER OF UNITS														
Item No. From Table C	WORK CLASSIFICATION	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units
7. R.R. grade separations - Total cost														
a. No. to be constructed				1								6		6
Cost				270								2787		2787
b. No. in service or authorized				1								16	1	17
Cost														
8. Highway grade separations without ramps-Total Cost														
a. No. to be constructed		1										19		19
Cost		141										3545		3545
b. No. in service or authorized			2									30	17	47
Cost														
9. Interchanges - Total Cost														
a. No. to be constructed		3		1	1							47		47
Cost		526		175	205							8218		8218
b. No. in service or authorized		1	1	1			1					47	7	54
Cost														
10. Other bridges and tunnels - Total cost														
a. No. to be constructed												20		20
Cost												5095		5095
b. No. in service or authorized												30	1	31
Cost														
ESTIMATED COSTS (\$1,000) AND NUMBER OF SAFETY REST AREAS														
13c. Safety rest areas - Total cost														
a. No. to be constructed												14		14
Cost												2543		2543
b. No. in service or authorized							1					7		7
Cost														

Signature: [Signature] Director of Highways July 16, 1973  
State: Montana Name Title Date  
[Signature] Division Engineer July 16, 1973  
FHWA: Stewart Name Title Date

TABLE D-2-COST ESTIMATE BY ROUTES AND STATE TOTAL

STATE MONTANA

(Includes Only Those Costs Eligible for FAI Funding)

Inrerstate Route Number	I-15		I-90		I-94		I-115		I-315		SUBTOTALS		TOTALS
Class: Rural or Urban (R or U)	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	
Length, miles	386.1	9.0	528.4	15.3	244.4	3.4	1.4	0.0	0.0	0.8	1160.3	28.5	1188.8
WORK CLASSIFICATION			ESTIMATED COSTS (\$1,000 DOLLARS)										
1. Preliminary Engineering	852	3	709	6	276	2				25	1837	36	1873
2. Right -of-way	1069		3175		328						4572		4572
a. Right -of-way and acquisition	61		287								348		348
b. Relocation payments and services	287		589								876		876
3. Clear & Grub	360		1749		49						2158		2158
4. Utility Adjustments	31601		37299	153	13583						82483	153	82636
5. Grade & Drain; minor structures	23218		38605	681	13311						75134	681	75815
6. Subbase; base; surfacing; shoulders	2787		6010		364						9161		9161
7. R.R. grade separations	3545		4497		2025						10067		10067
8. Highway grade separations without ramps	8218		8791	9	3702						20711	9	20720
9. Interchanges	5095		24681		5684						35460		35460
10. Other bridges; tunnels			705								705		705
11. Walls													
12. Traffic Control and safety improvements													
a. Guardrail; fencing; lighting; traffic control devices	2658		3846	38	1556						8060	38	8098
b. Motorist service signs	58	2	36		18						112	2	114
c. Safety improvements on completed sections	2282	308	3999	339	1232	108	45			30	7558	785	8343
13. Roadside improvement													
a. Erosion Control	2095		2934	4	1020						6049	4	6053
b. Landscape planting	235		161	102	58						454	102	556
c. Safety rest areas	2543		2650		1230						6423		6423
d. Scenic overlooks	197		109		329						635		635
14. All other items	2088		3027	25	916						6031	25	6056
15. Subtotal, lines 3 to 14	87267	310	139688	1351	45077	108	45			30	272077	1799	273876
16. Construction Engineering & Contingencies 10% of Line 15	13090	48	20954	202	6763	16	7			5	40814	271	41085
17. Total Cost of Construction, Lines 15 and 16	100357	358	160642	1553	51840	124	52			35	312891	2070	314961
18. Total Estimated Cost, Lines 1, 2 & 17	102339	361	164813	1559	52444	126	52			60	319648	2106	321754
19. Route Total, Rural plus Urban	102700		166372		52570		52			60			321754
20. Less Obligations - C.Y. 1973	7766		5628		4707		--			48	----		18149
21. Subtotal	94934		160744		47863		52			12	----		303605
22. Plus Escalation @ 10.3%	9778		16557		4930		5			1	----		31271
23. Grand Total	104712		177301		52793		57			13	----		334876

SIGNATURES:

STATE:

Name

DIRECTOR OF HIGHWAYS

Title

June 17, 1974

Date

FHWA:

Name

Division Engineer

Title

June 17, 1974

Date

TABLE E-1 COST OF INTERSTATE BOND, ACI AND ADVANCE

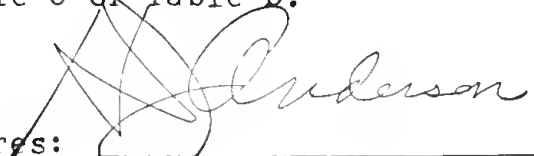
AQUISITION PROJECTS

(Projects completed or in authorized status as of January 1, 1974)

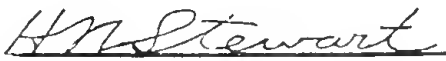
STATE Montana

Interstate Route	Estimate Section	Project No.	Work Class	Rural or Urban	Actual or Estimated Project Costs		Total Cost
					Federal (I) Funds	State Matching	
"Preparation of Estimate"		I-EST 4(001)			32	3	35
		----			0	0	0
TOTALS					32	3	35

The above projects are not included in Table C or Table D.

Signatures:  Director of Highways June 17, 1974

State: \_\_\_\_\_ Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

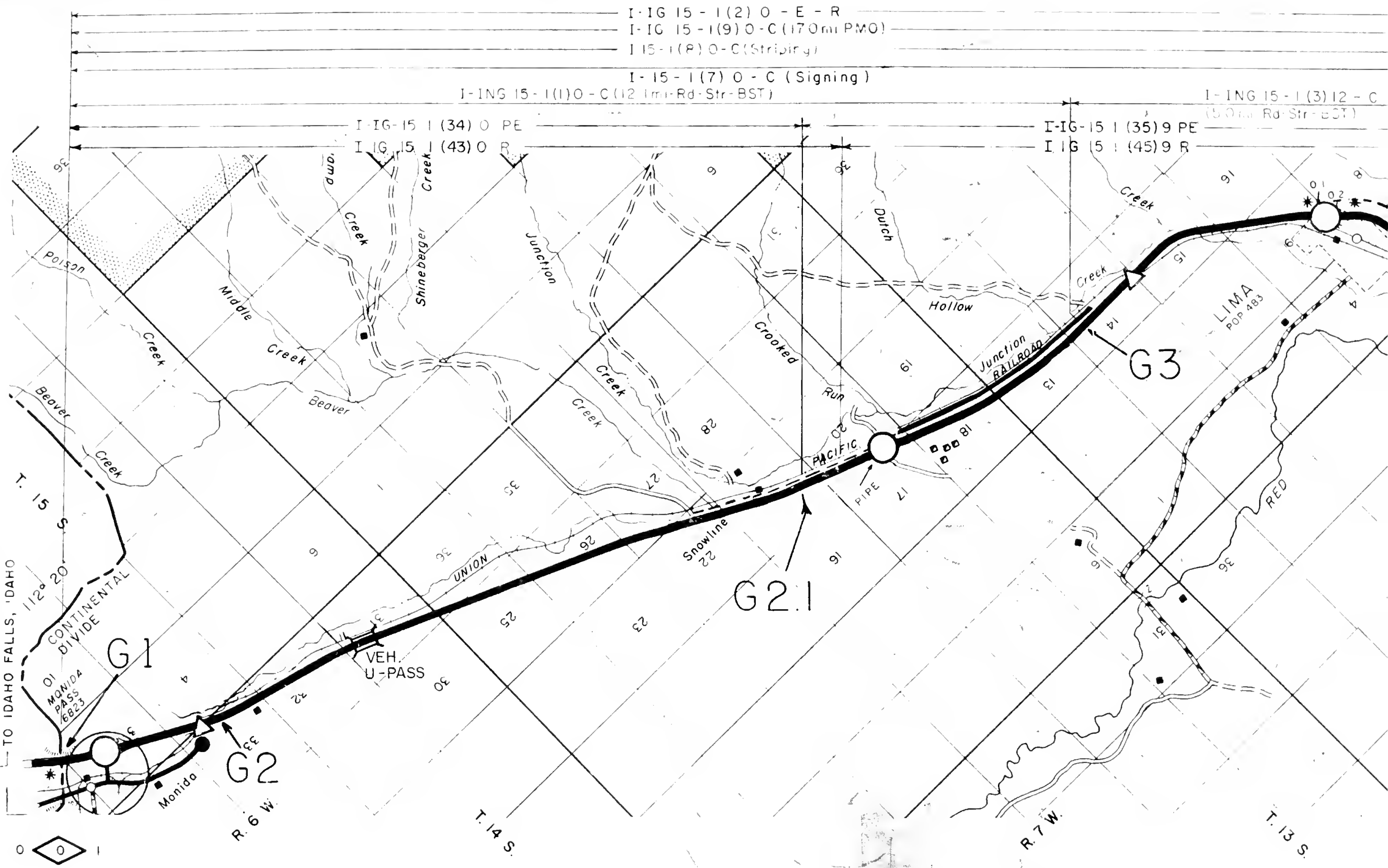
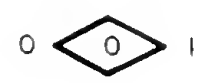
 Division Engineer June 17, 1974

FHWA: \_\_\_\_\_ Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_



I D A H O

TO IDAHO FALLS, IDAHO



I-IG 15 - 1(2) 0 - E - R

I-IG 15 - 1(9) 0 - C (170mi PMO)

I 15 - 1(8) 0 - C (Striping)

I- 15 - 1(7) 0 - C (Signing)

I-ING 15 - 1(1) 0 - C (12 1mi Rd-Str-BST)

I-ING 15 - 1(3) 12 - C  
(50mi Rd-Str-BST)

I-IG-15 1 (34) 0 PE

I IG 15 1 (43) 0 R

I-IG-15 1 (35) 9 PE

I IG 15 1 (45) 9 R

G1

G2

G2.1

G3

VEH.  
U-PASS

PACIFIC  
PIPE

JUNCTION  
RAILROAD

LIMA  
POP 483

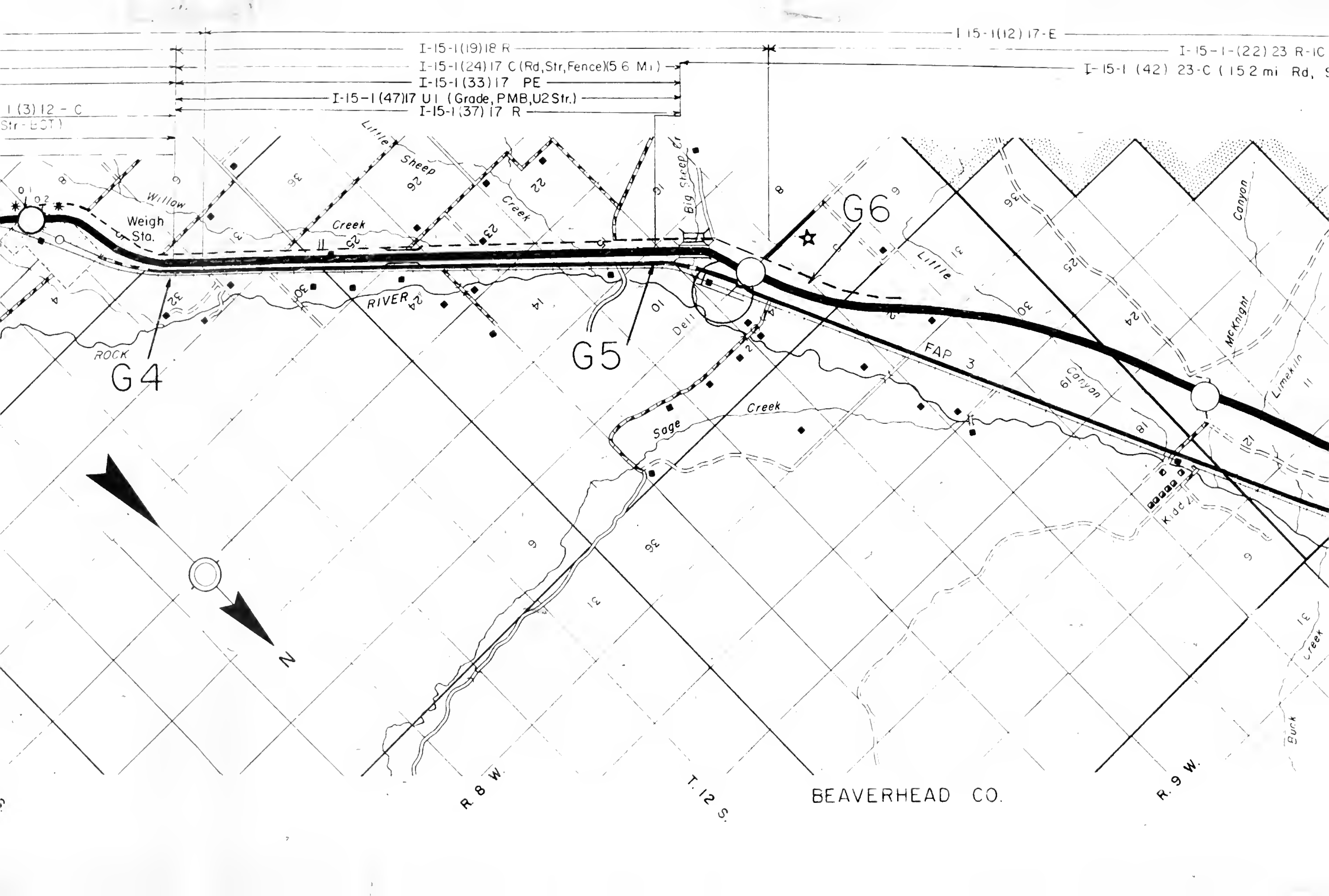
T. 13 S.

T. 14 S.

R. 6 W.

R. 7 W.





I-15-1(12)17-E  
Str-EST)

I-15-1(19)18 R  
I-15-1(24)17 C (Rd, Str, Fence) (5.6 Mi.)  
I-15-1(33)17 PE  
I-15-1(47)17 U1 (Grade, PMB, U2 Str.)  
I-15-1(37)17 R

I-15-1(22)23 R-10  
I-15-1(42)23-C (15.2 mi Rd, S

Willow  
Weigh  
Sta.

Creek

Sheep  
Creek

Creek

Big Sheep Cr

G6

G5

FAP 3

Canyon

McKnight

Limekiln

Kidd

Sage  
Creek

Buck  
Creek

R. 8 W.

T. 12 S.

BEAVERHEAD CO.

R. 9 W.

I-15-1-(22) 23 R-1C

I-15-1 (42) 23-C (152 mi Rd, Str, Fence, Sign)

I 15-1 (10) 37 - R

I 15-1 (11) 37 - C (7.8 mi - Rdwy -

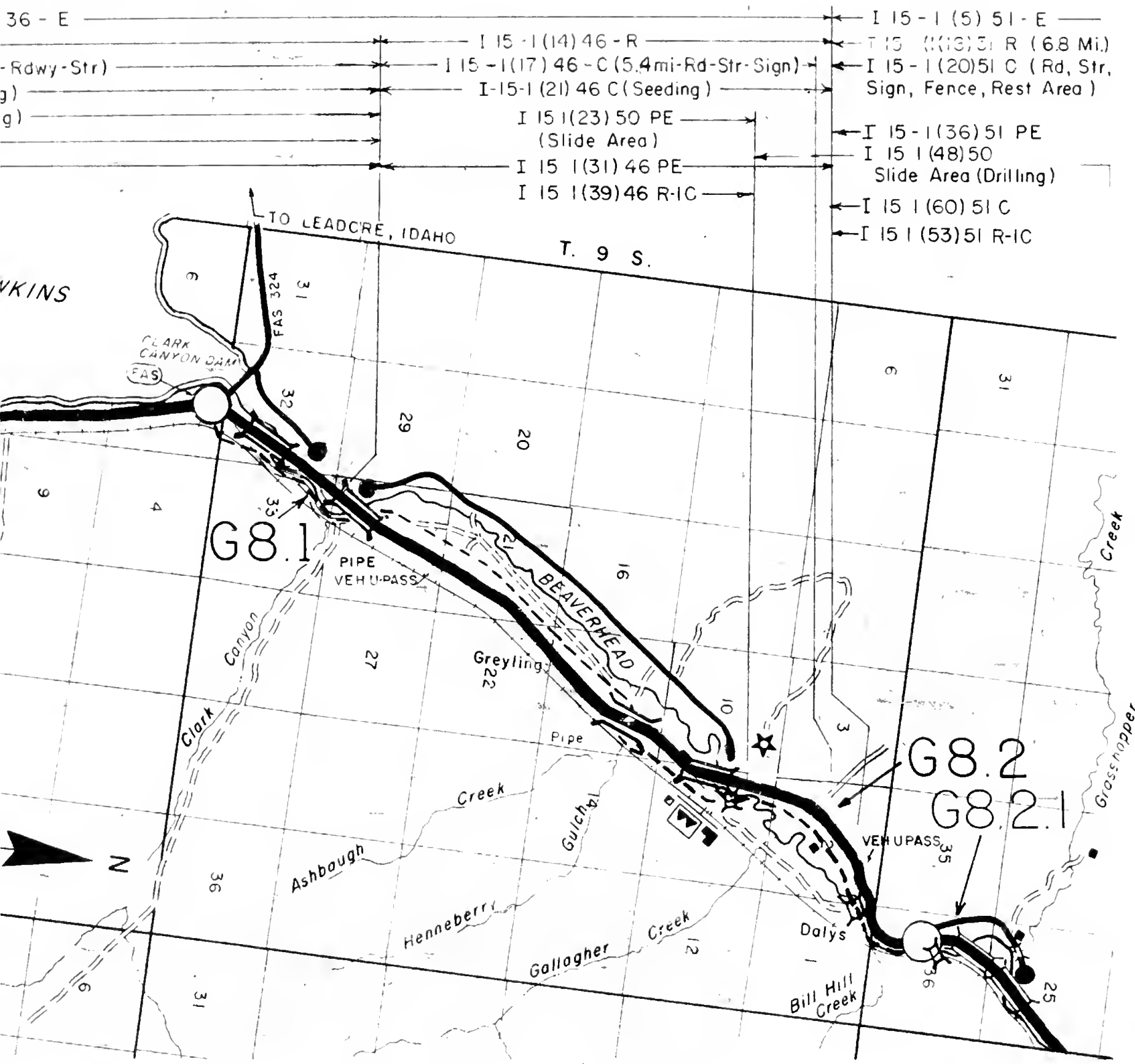
I 15-1 (15) 37 - C (Signing)

I 15-1 (16) 37 - C (Seeding)

I 15-1 (32) 37 PF

I 15-1 (38) 37 R

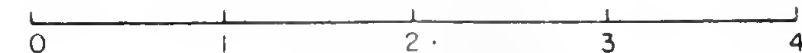




## LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4 - 5
- INTERSTATE LOCATION STEP 1 - 2 - 3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

SCALE IN MILES

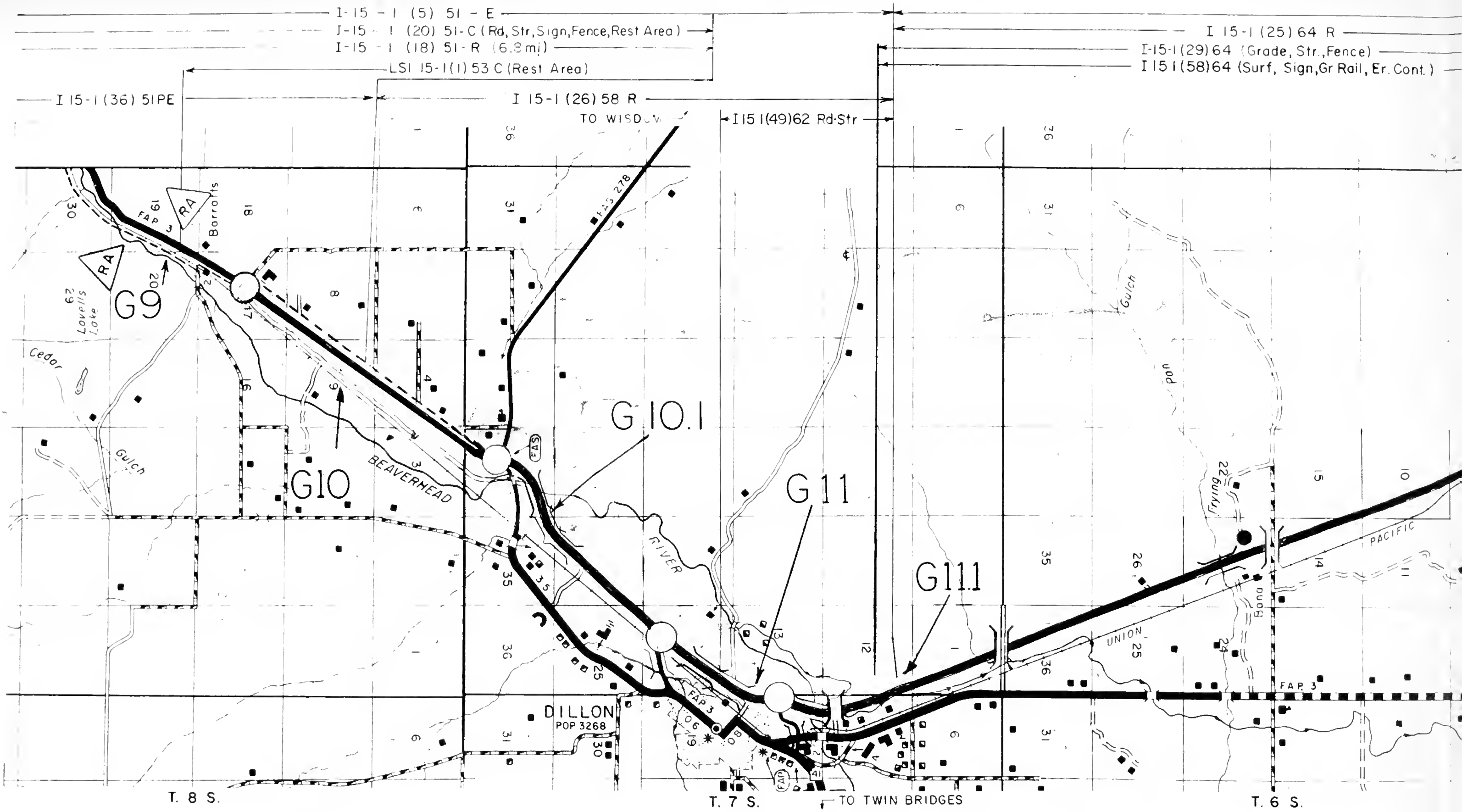


# MONTANA

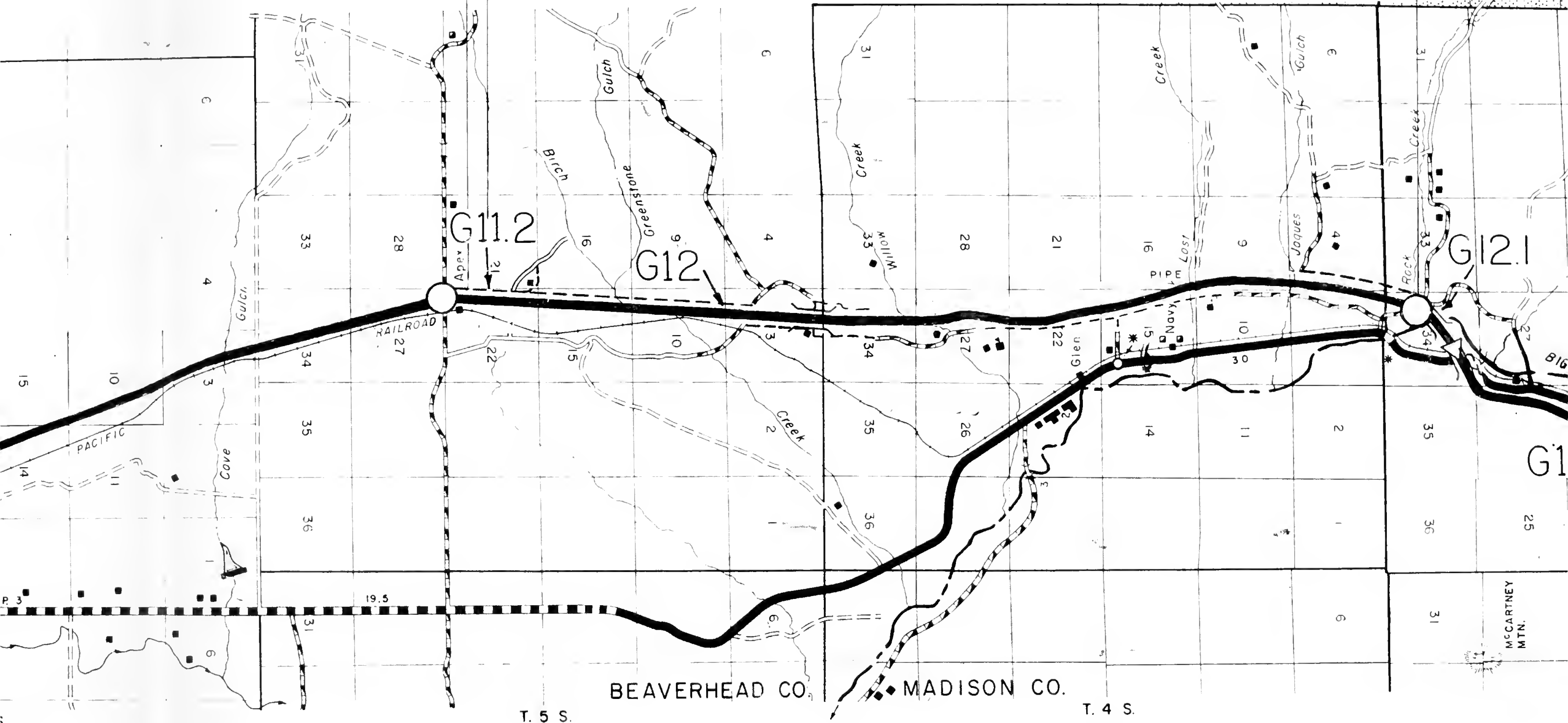
## INTERSTATE ROUTE 15

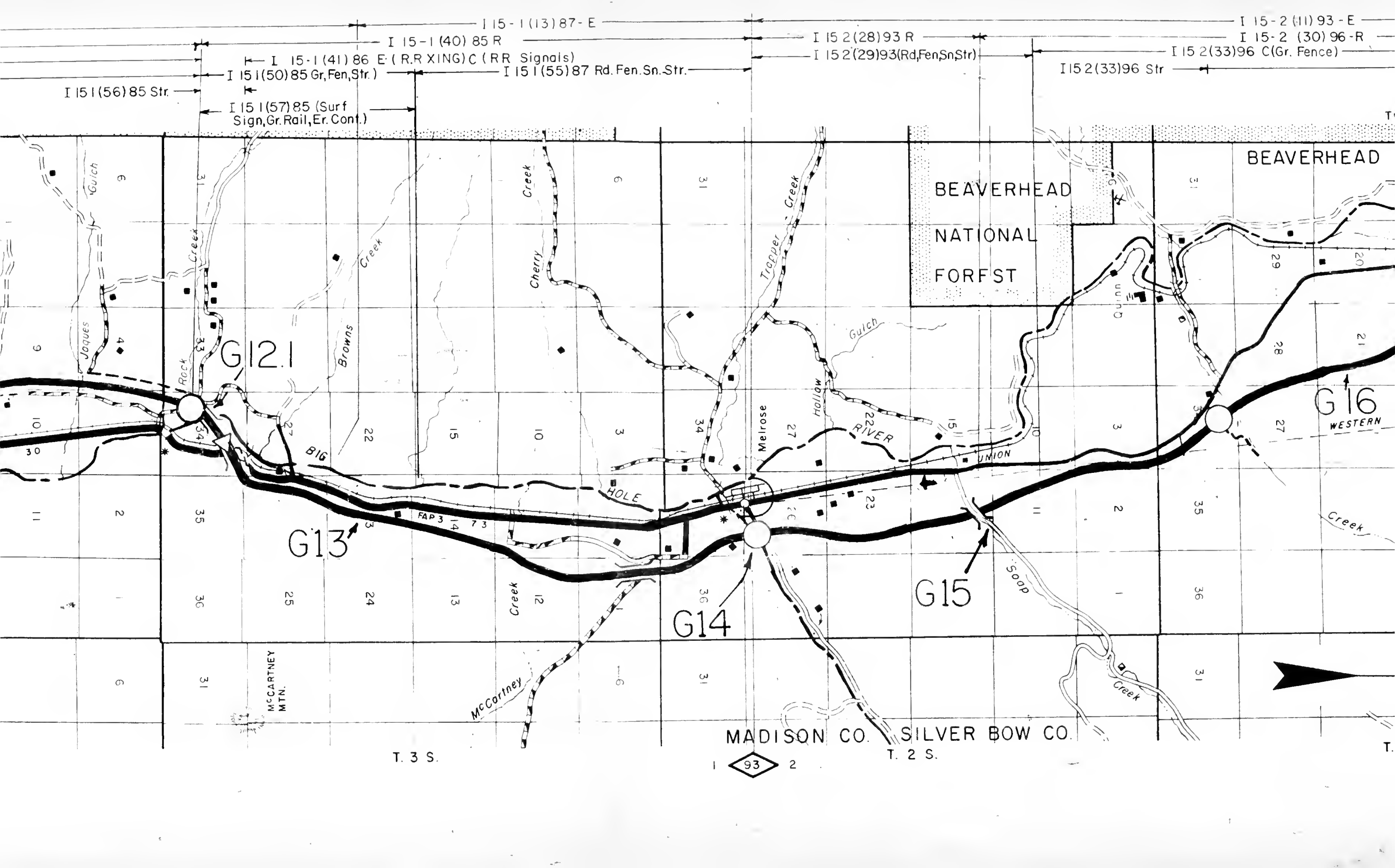
Sheet 1 of 8

Date DECEMBER 31, 1972

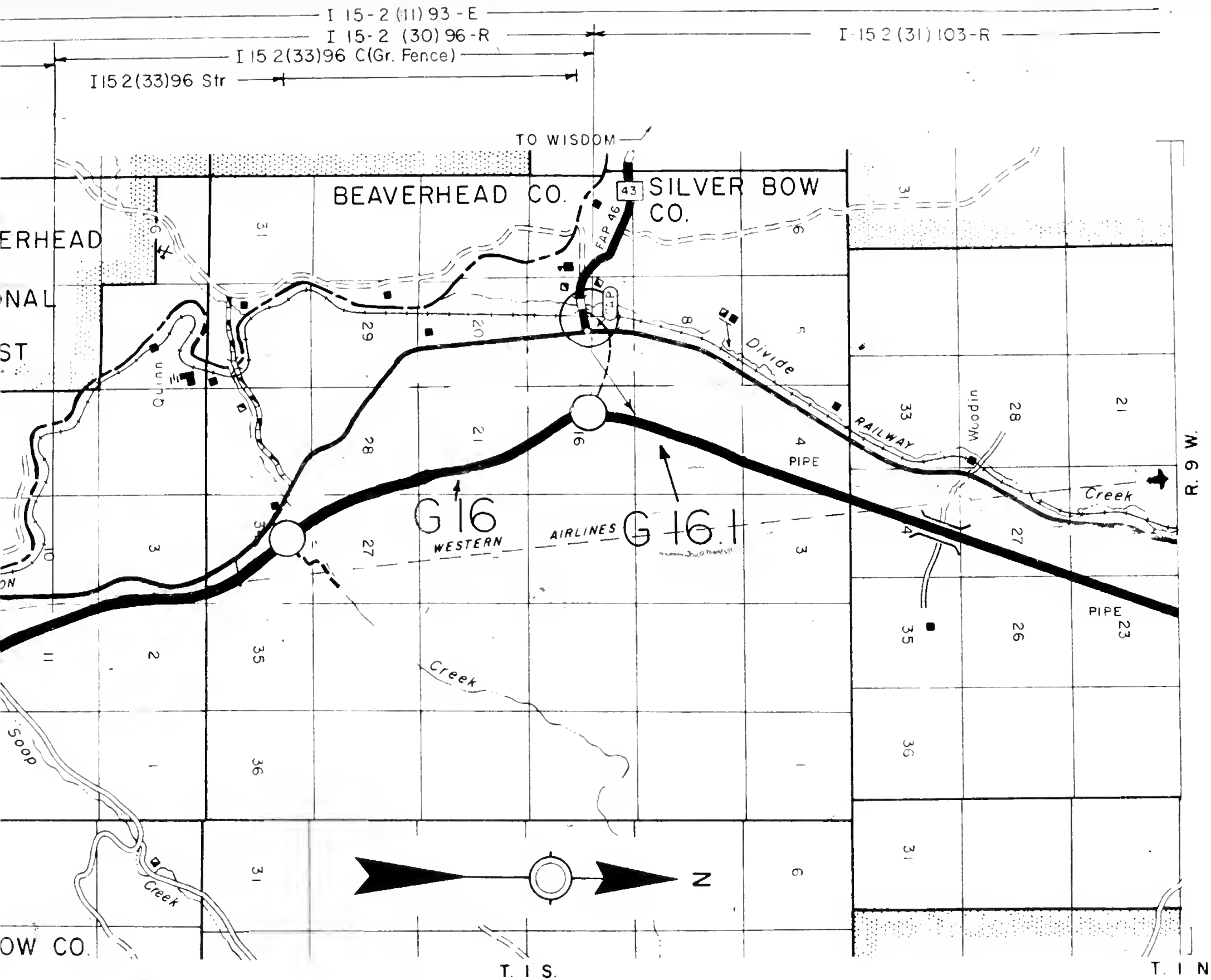


I-IG 15 - I (6) 65 - E  
64 R  
Str., Fence)  
ign, Gr Rail, Er. Cont.)  
I 15-1 (28) 75 - R  
I 151 (30) 75 (Gr, Str, Fence)  
I 151 (59) 75 (Surf. Sign Gr Rail Er. Cont.)  
I 151 (56) 85 Str.  
I 15-1 (4)  
I 151 (50) 85 Gr, F  
I 151 (57) 85 (Su  
Sign, Gr. Rail, Er. C





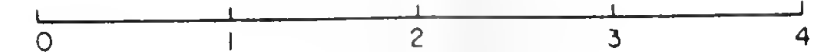




## LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
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- URBAN AREA BOUNDARY
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- ROUTE SECTIONS

SCALE IN MILES

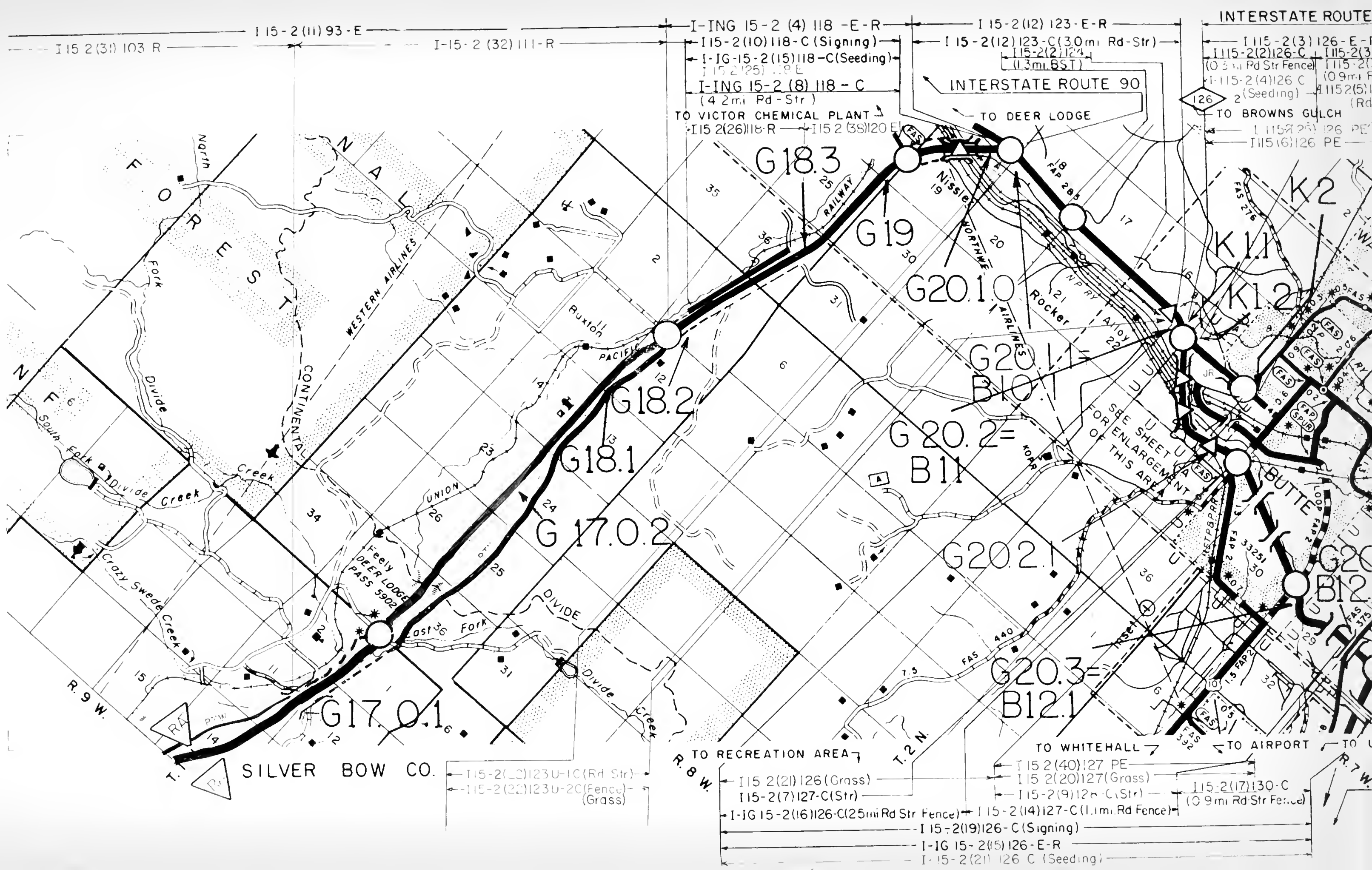


# MONTANA

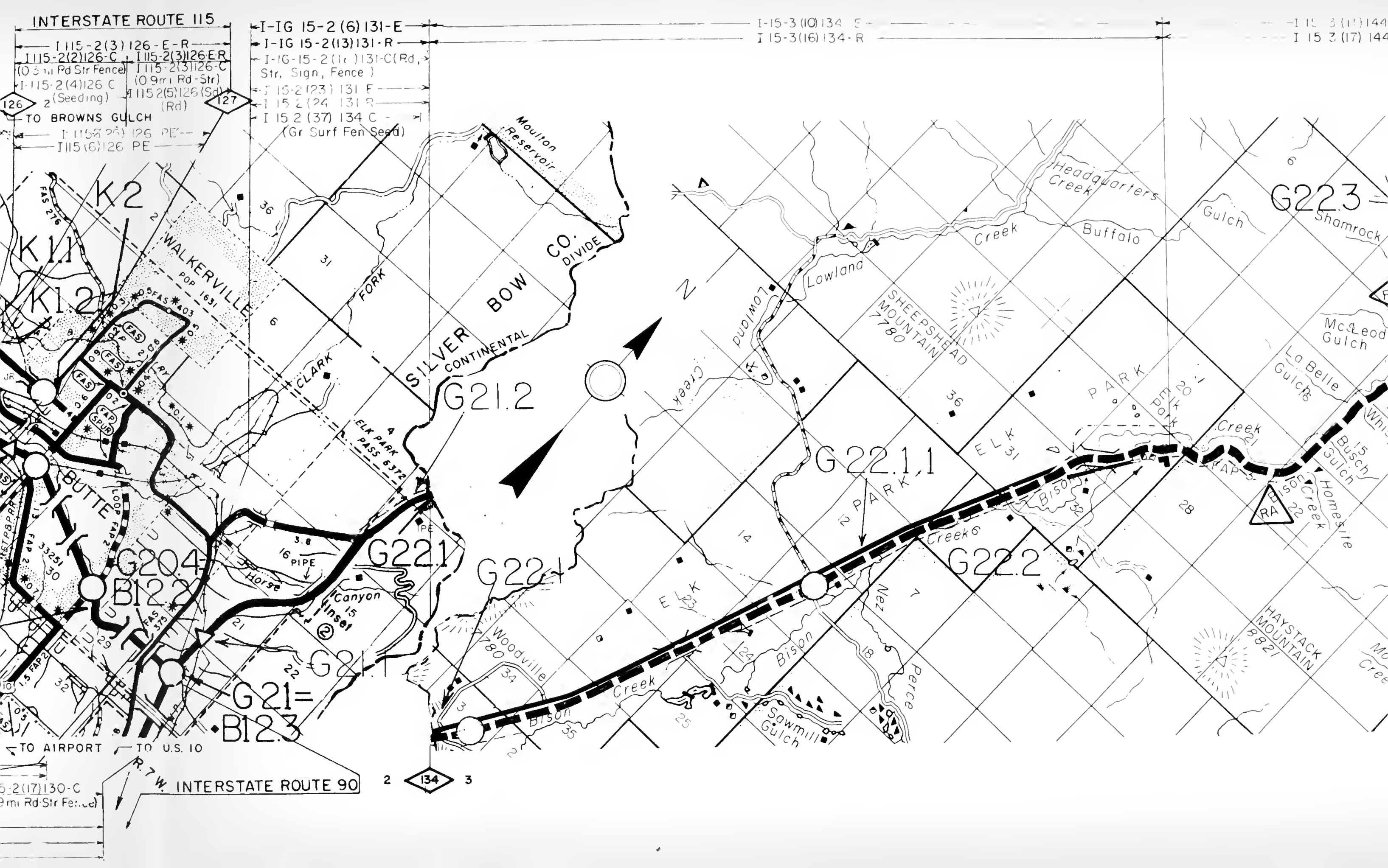
## INTERSTATE ROUTE 15

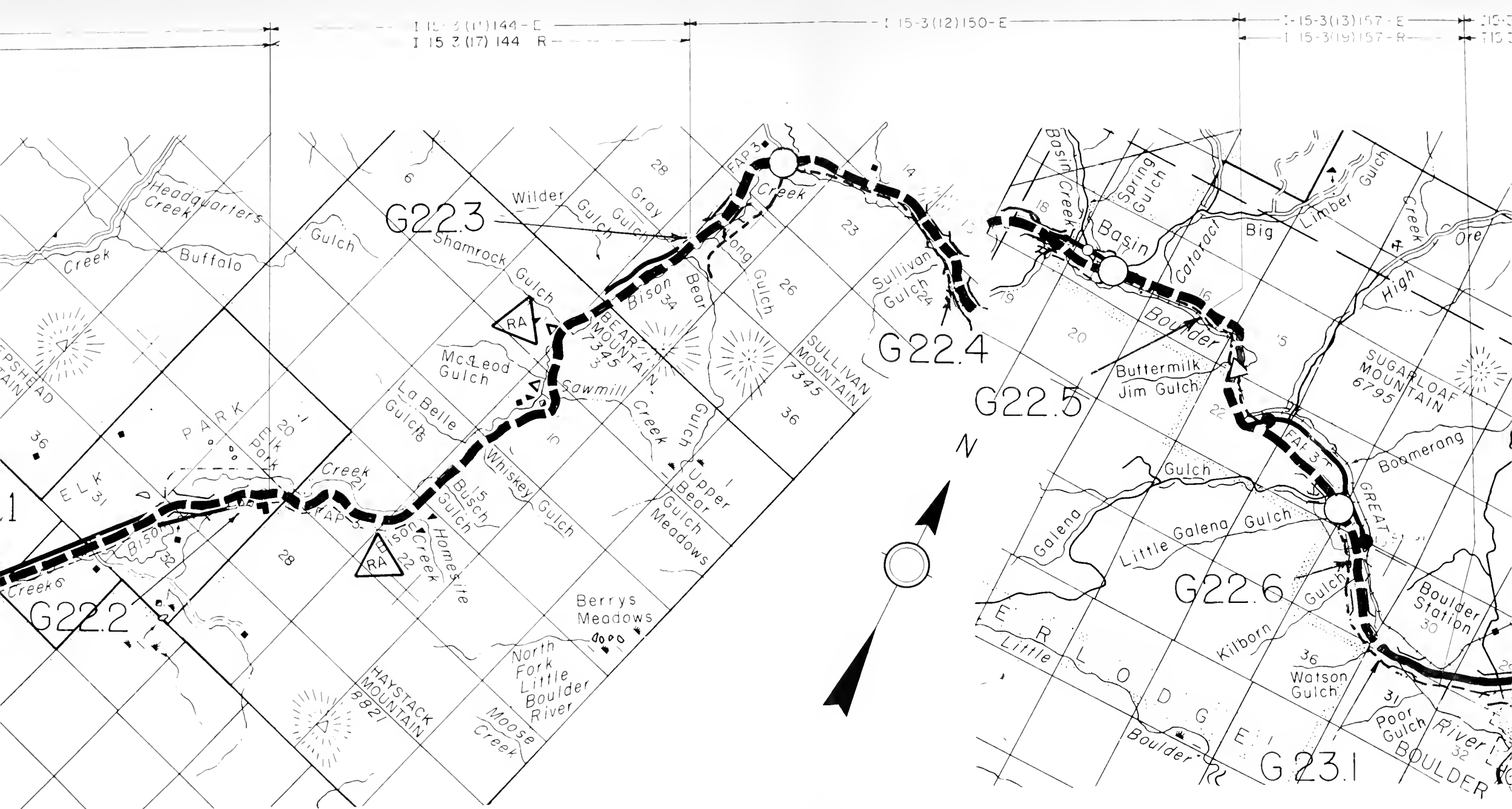
Sheet 2 of 8

Date DECEMBER 31, 1972

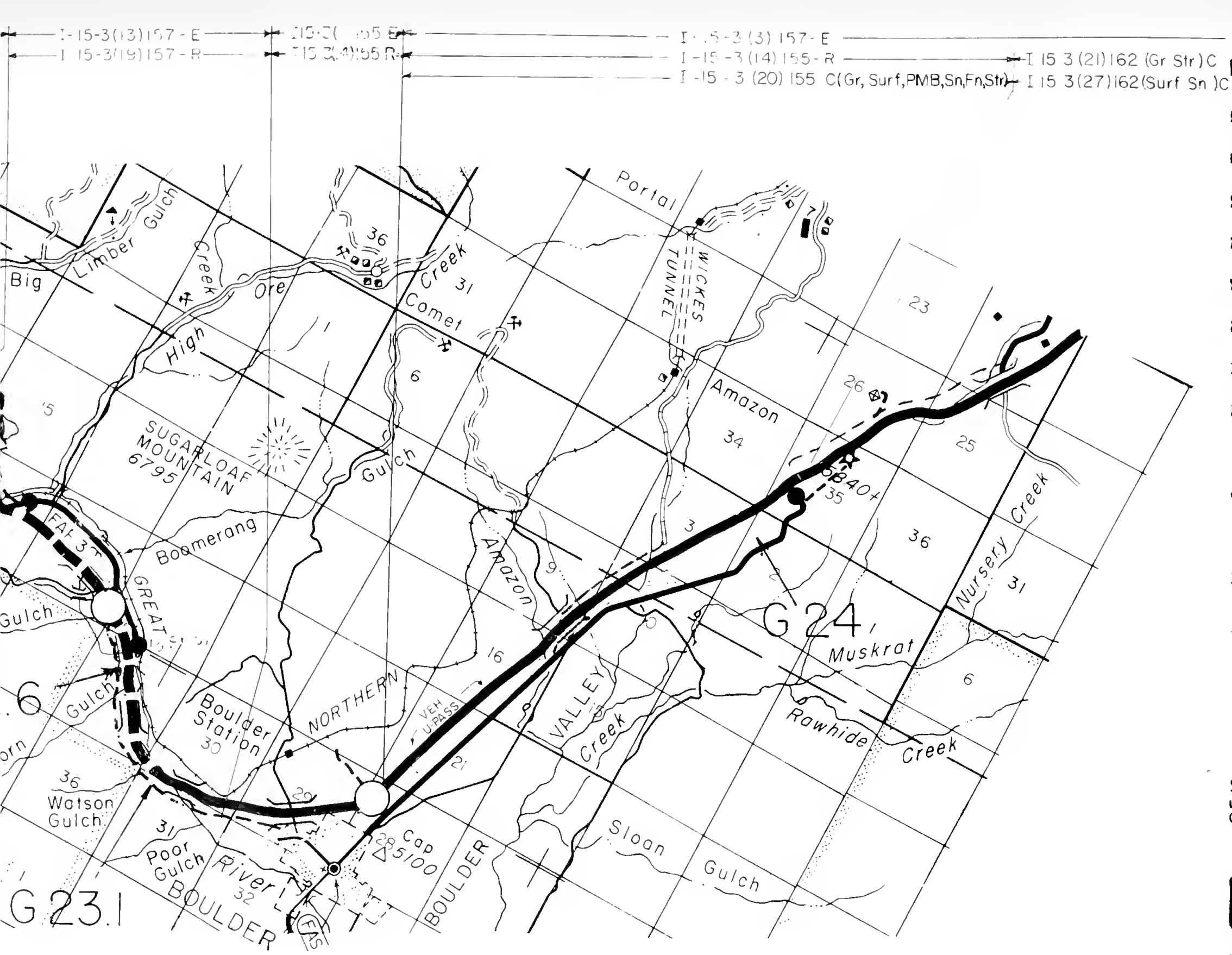






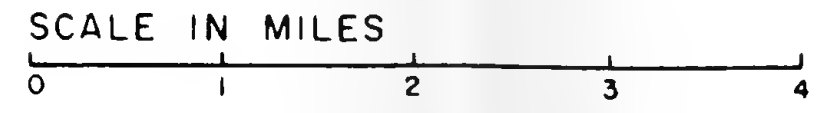


JEFFERSON CO.



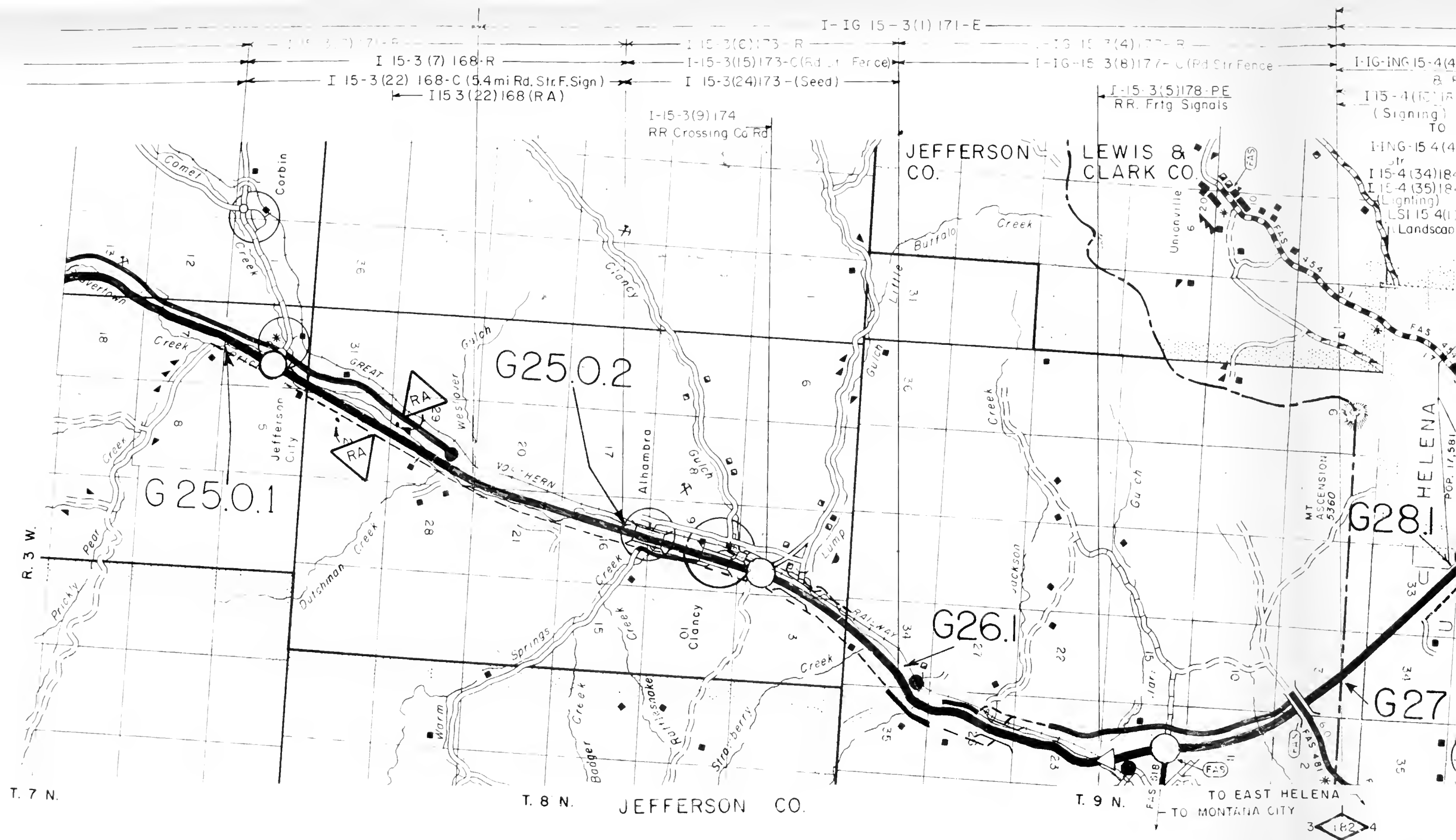
# LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4 - 5
- INTERSTATE LOCATION STEP 1 - 2 - 3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
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- ROUTE SECTIONS

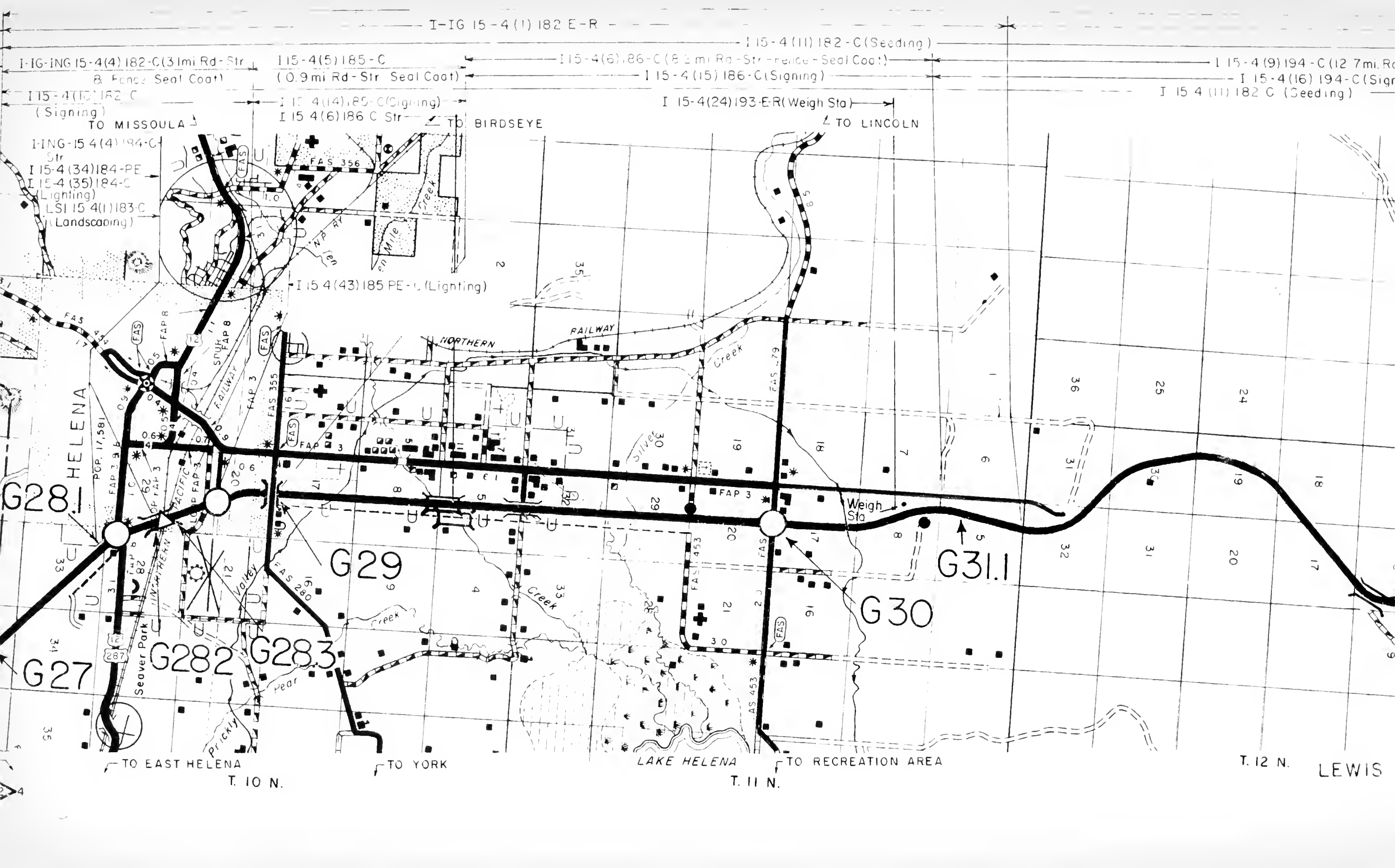


# MONTANA

INTERSTATE ROUTE 15  
 Sheet 3 of 8  
 Date DECEMBER 31, 1972  
 INTERSTATE ROUTE 115  
 (COMPLETE ROUTE ON THIS SHEET.)







I-15-4(47)192 PE 40 Mi. Safety  
I-15-4(2)195-E 8 I-15-4(7)195-R

I-15-4(II)182-C(Seeding)  
Str-fence-Seal Coat)  
6-C(Signing)

I-15-4(9)194-C(12.7mi.Rd-Str-Fence Seal Coat)  
I-15-4(16)194-C(Signing)  
I-15-4(II)182 C (Seeding)

I-15-4(12)207-C(34mi Rd-Str)  
I-15-4(17)207-C(Signing)

I-15-4(18)210-C(24mi R  
I-15-4(21)210-C(Si  
I-15-4(22)210-C(Str)  
I-15-4(19)211-C  
(Str)

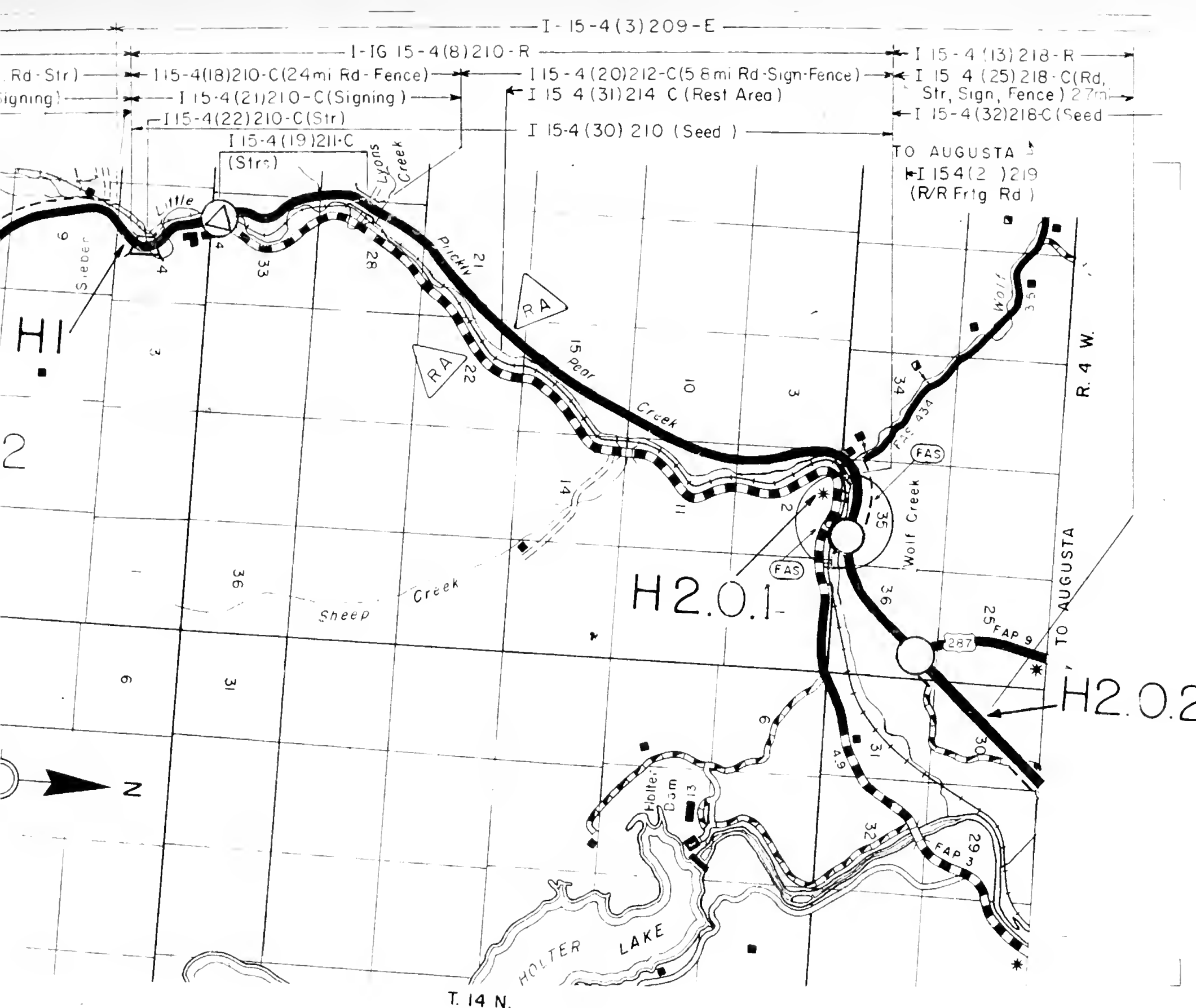
93-E-R(Weigh Sta)  
TO LINCOLN

I-15-4(36)202-E  
I-15-4(37)202-R  
I-15-4(44)202 C (Rd,Fen,Sign)

G30  
G31.1  
G31.2  
G32

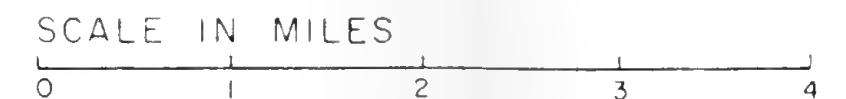
Weigh Sta  
FAS  
TO RECREATION AREA  
T. 12 N.  
LEWIS & CLARK CO.  
T. 13 N.

N



## LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4 - 5
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# MONTANA

INTERSTATE ROUTE 15

Sheet 4 of 8

Date DECEMBER 31, 1972

I-15-4 (3) 209 -E

I-IG-15-

I-IG-15 4(23)221-R

I-IG-15 4(26)221-C (Rd, Str, Sign, Fence)

I-15-4(32)218-C (Seed)

I-15-4(42)221-E (Slide)

I-15-4(46)221-C (Delour) I-15-4(29)227-C Str

I-15-4(46)222U2 (Gr, PMB)

I-15-4(28)228-C (Rd, Str, Fen)

I-15-4(41)228-C (Seed)

I-15-4(39)229-C (Str)

I-15-5(35)230 (Strs), 3.1mi, Gr, Fen)

I-15-5(43)230-C (Str)

I-IG-15-5 (21) 230 R

I-15-4(33)229 C (1mi. Gr Fen)

I-15-5(35)230 C (Gr. PMB

Fen. Str.)

I-15-5 (25) 238 C (Culw)

I-15-5 (23) 234 C (Rd, Str, Fence)

I-IG-15(33)237 C Str (4.6 mi)

I-15-5 (49) 234-C (Slope Protection)

I-15-5 (56) 234 (PE)

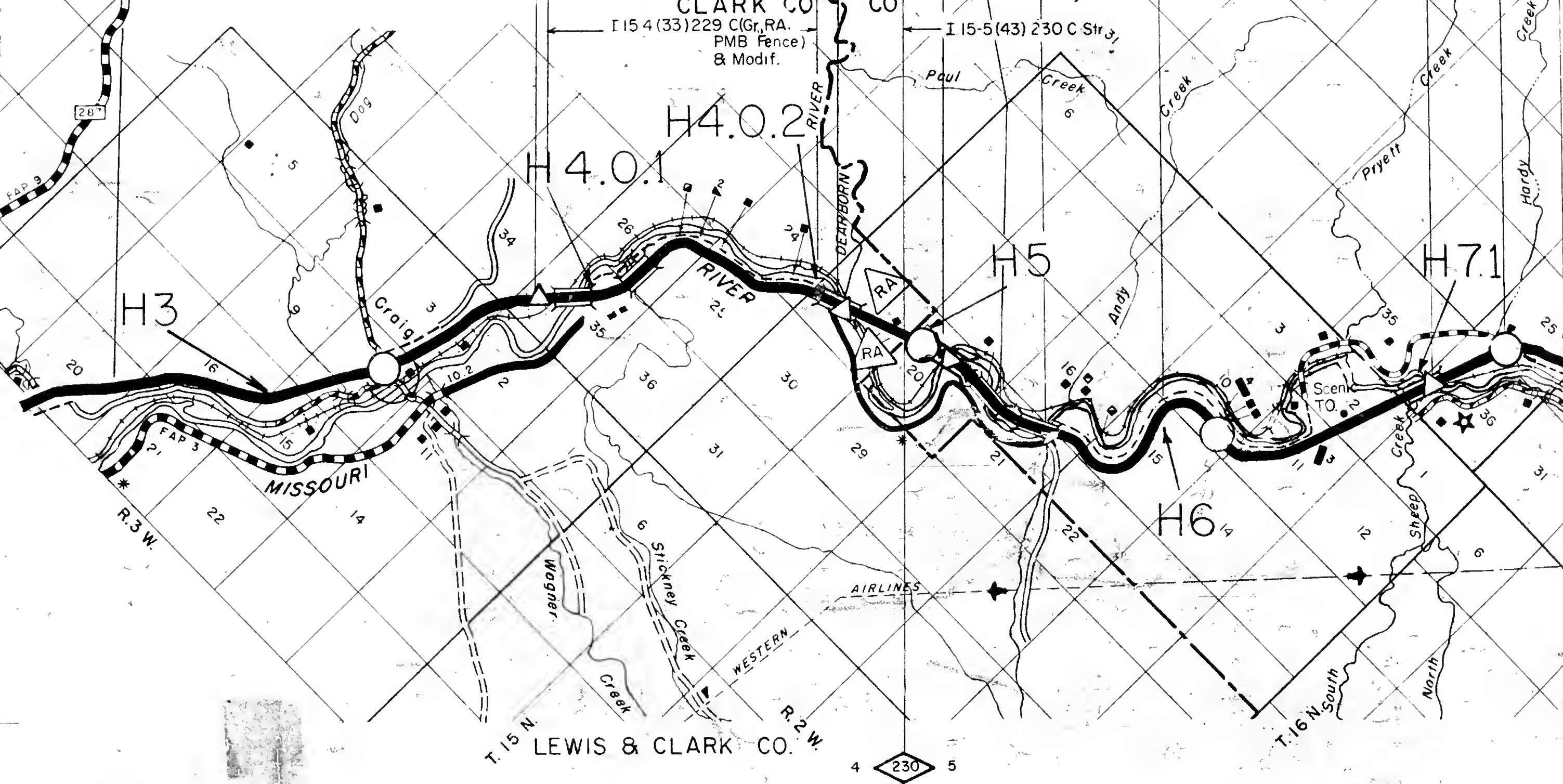
LEWIS & CLARK CO

CASCADE CO

I-15-4(33)229 C (Gr, RA, PMB Fence) & Modif.

I-15-5(43)230 C Str 3/4

TO I 15 - WOLF CREEK



T. 15 N LEWIS & CLARK CO. R. 2 W.

4 230 5



I-IG-15-5 (5) 230-E

C (Culw)

C (Rd, Str, Fence)

Str (4.6 mi)

(Slope Protection)

PE

I 15-5(13)239-R

I 15-5(13)239-C (9.7mi. Rd-Str-Fence)

I 15-5(17)239-C (Signing-Del)

I 15-5(18)239-C (Seeding)

I 15 5 (40)239-E

I 15 5 (41)239-R

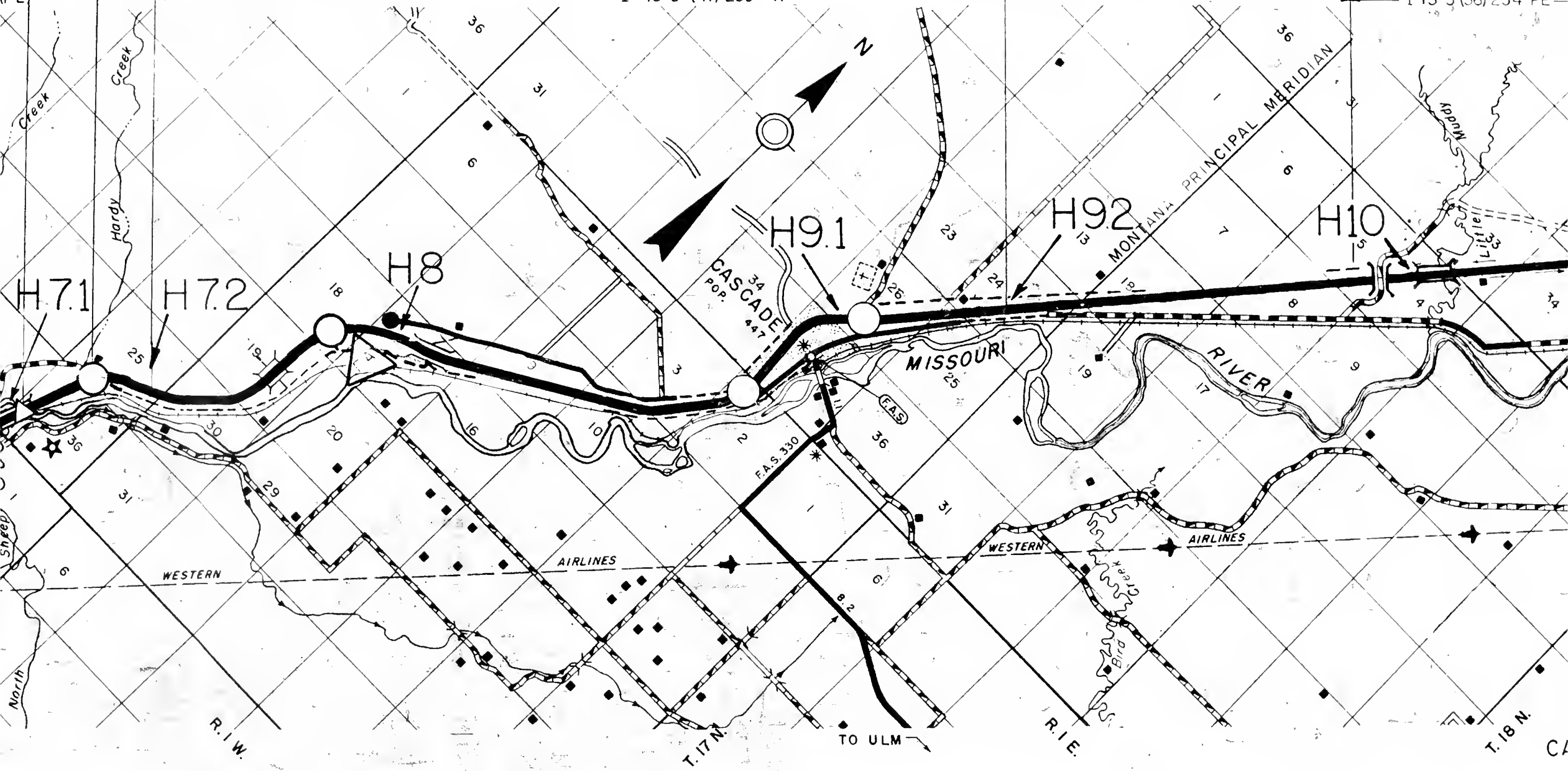
I-15-5

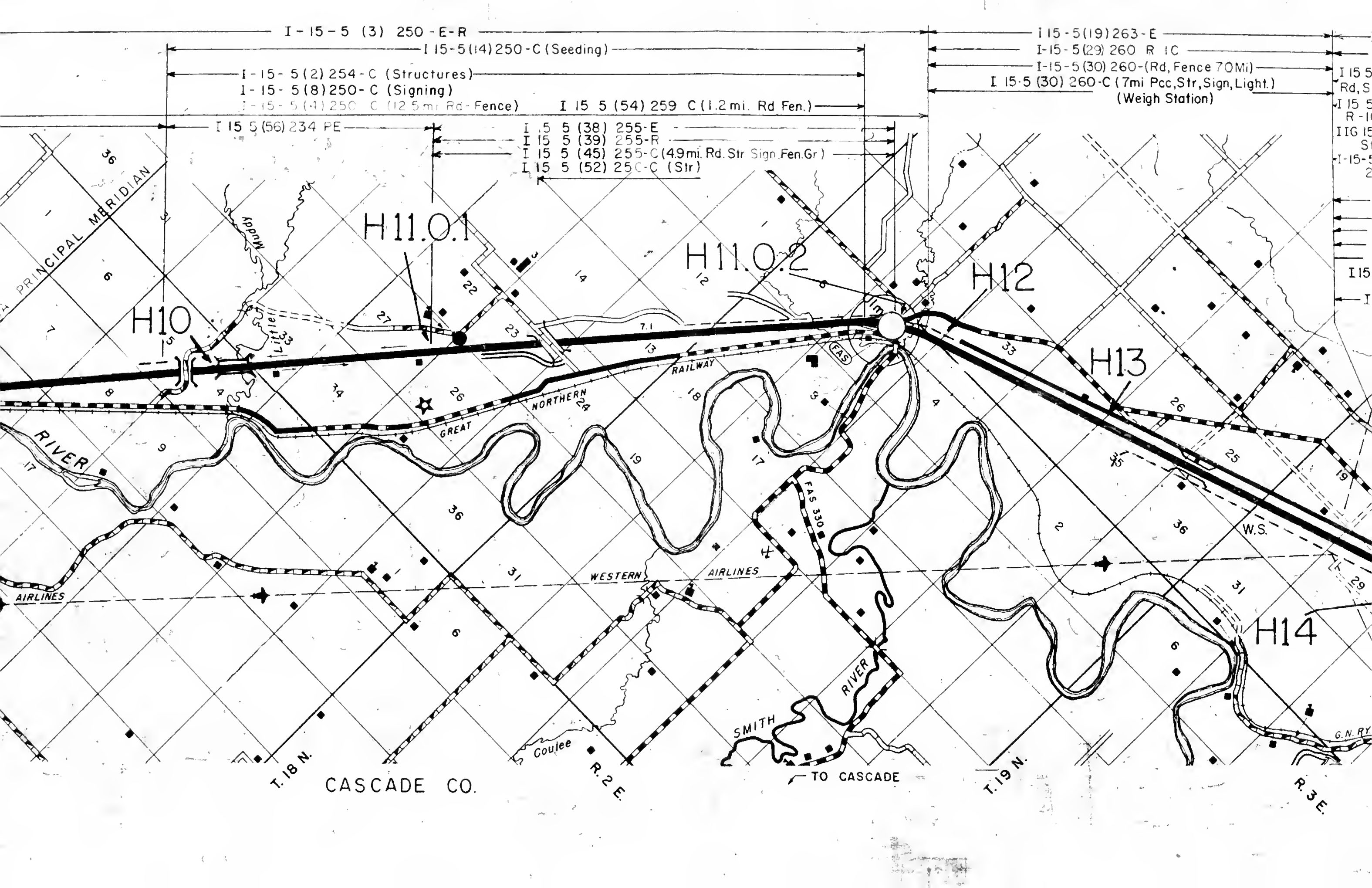
I-15-5(2)254

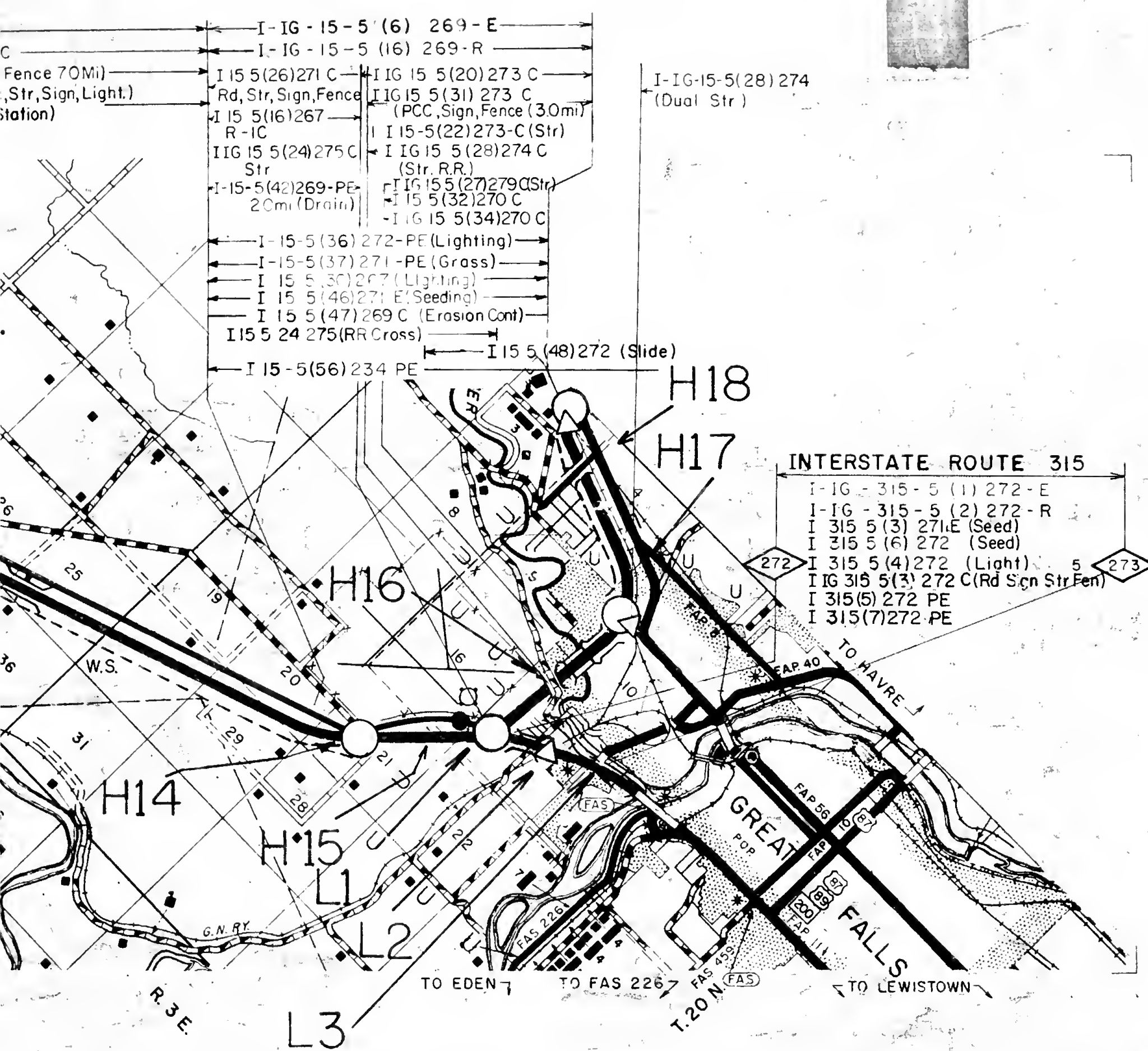
I-15-5(8)250

I-15-5(4)250

I 15 5 (56)234 PE

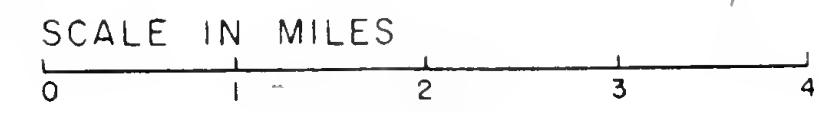






# LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
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# MONTANA

INTERSTATE ROUTE 15  
 Sheet 5 of 8  
 Date DECEMBER 31, 1972  
 INTERSTATE ROUTE 315  
 (COMPLETE ROUTE ON THIS SHEET.)

I-15-5(7)275 E-A

I 15-5(9)275-C (8.3 mi Rd-Strs)

I 15-5(12)275-C (Signing)

I 15-5(15)275-C (Seeding)

I 15 5 (46) 271 E (Seeding)

I 155(55)283 PE (Light Int.)

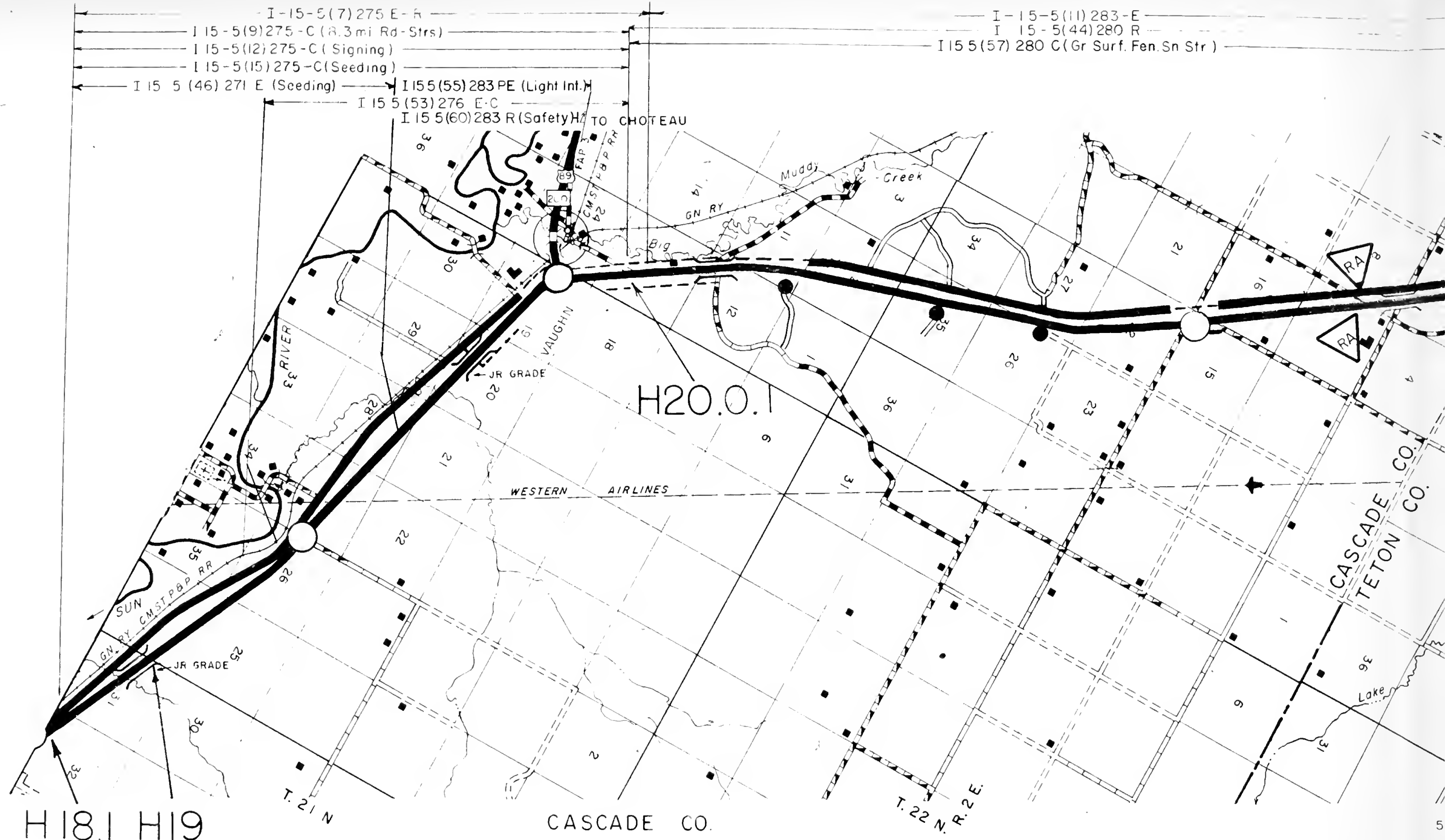
I 15 5 (53) 276 E-C

I 15 5(60)283 R (Safety H<sub>2</sub>O TO CHOTEAU)

I-15-5(11)283-E

I 15-5(44)280 R

I 15 5(57)280 C (Gr Surf. Fen. Sn Str)

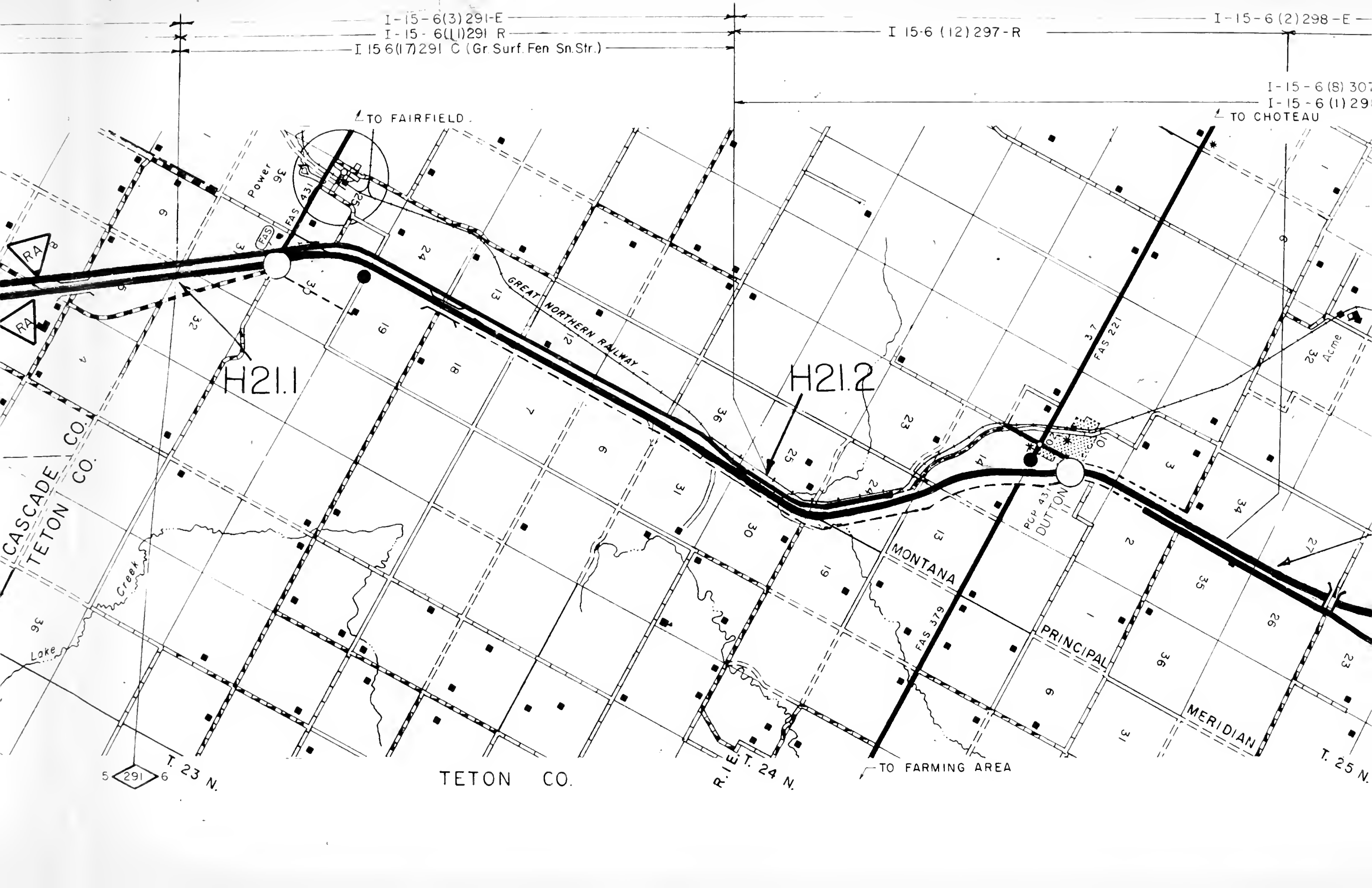


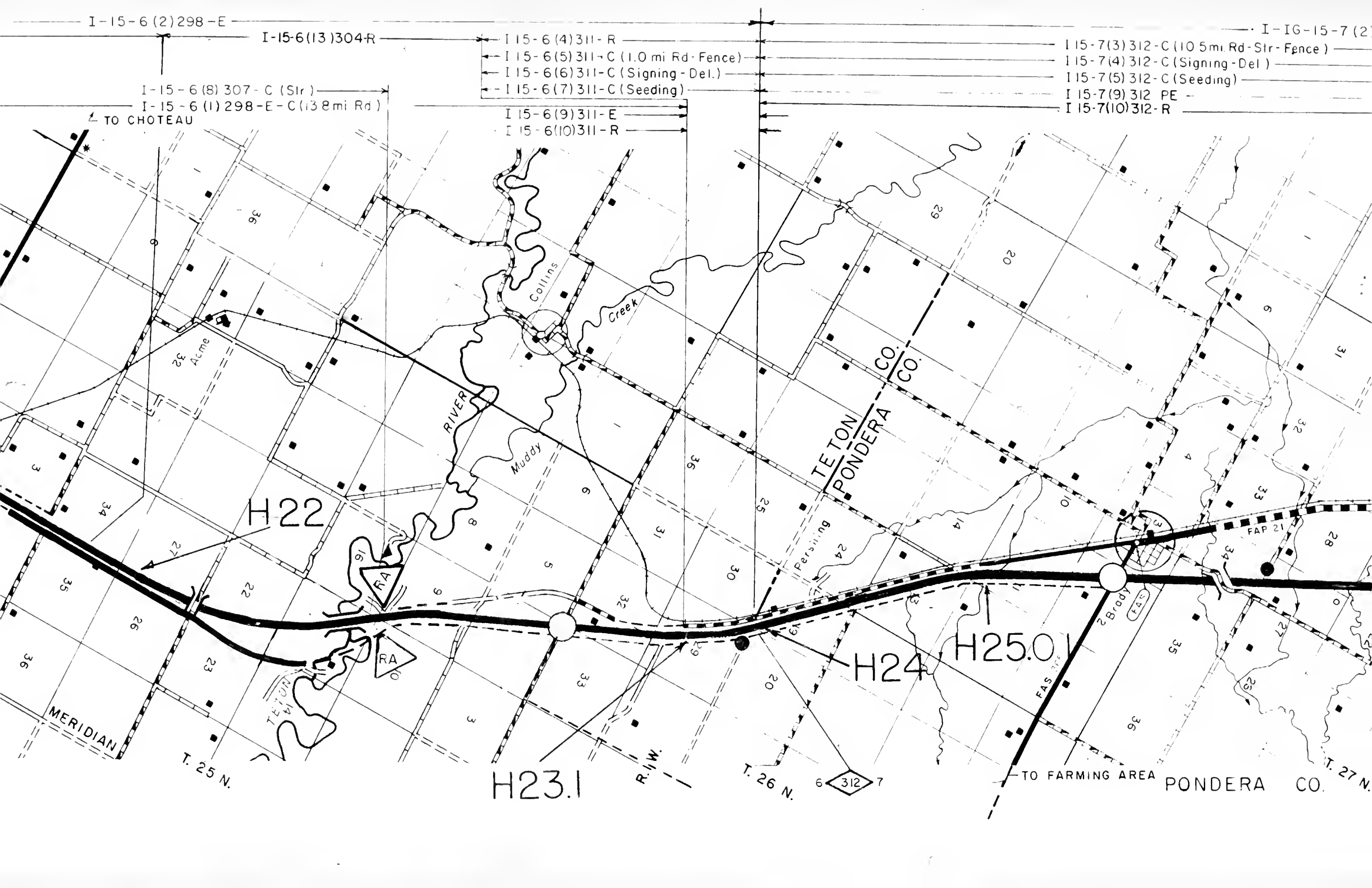
H 18.1 H 19

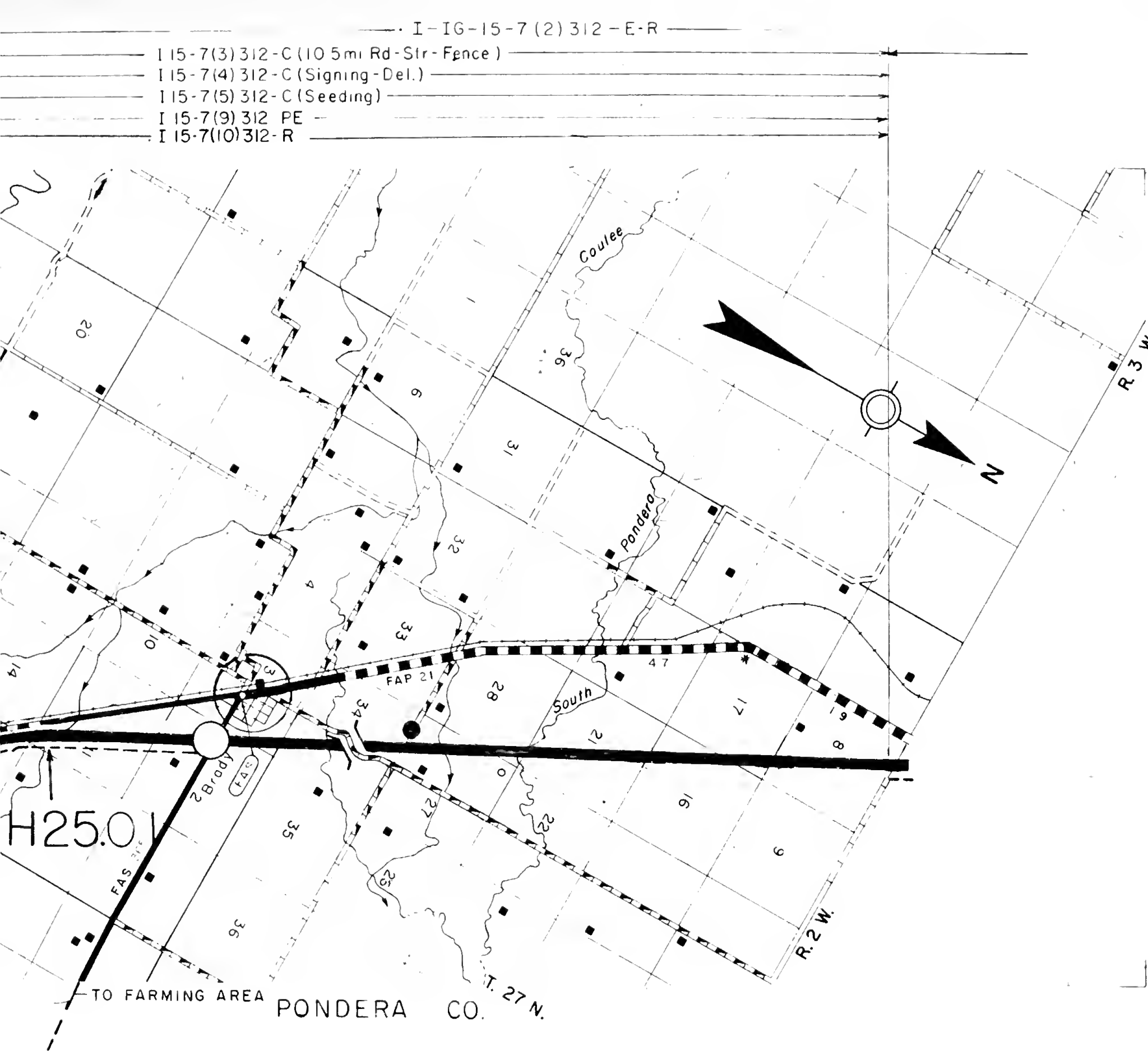
CASCADE CO.

CASCADE CO.  
TETON CO.









# LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
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- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

SCALE IN MILES

0 1 2 3 4

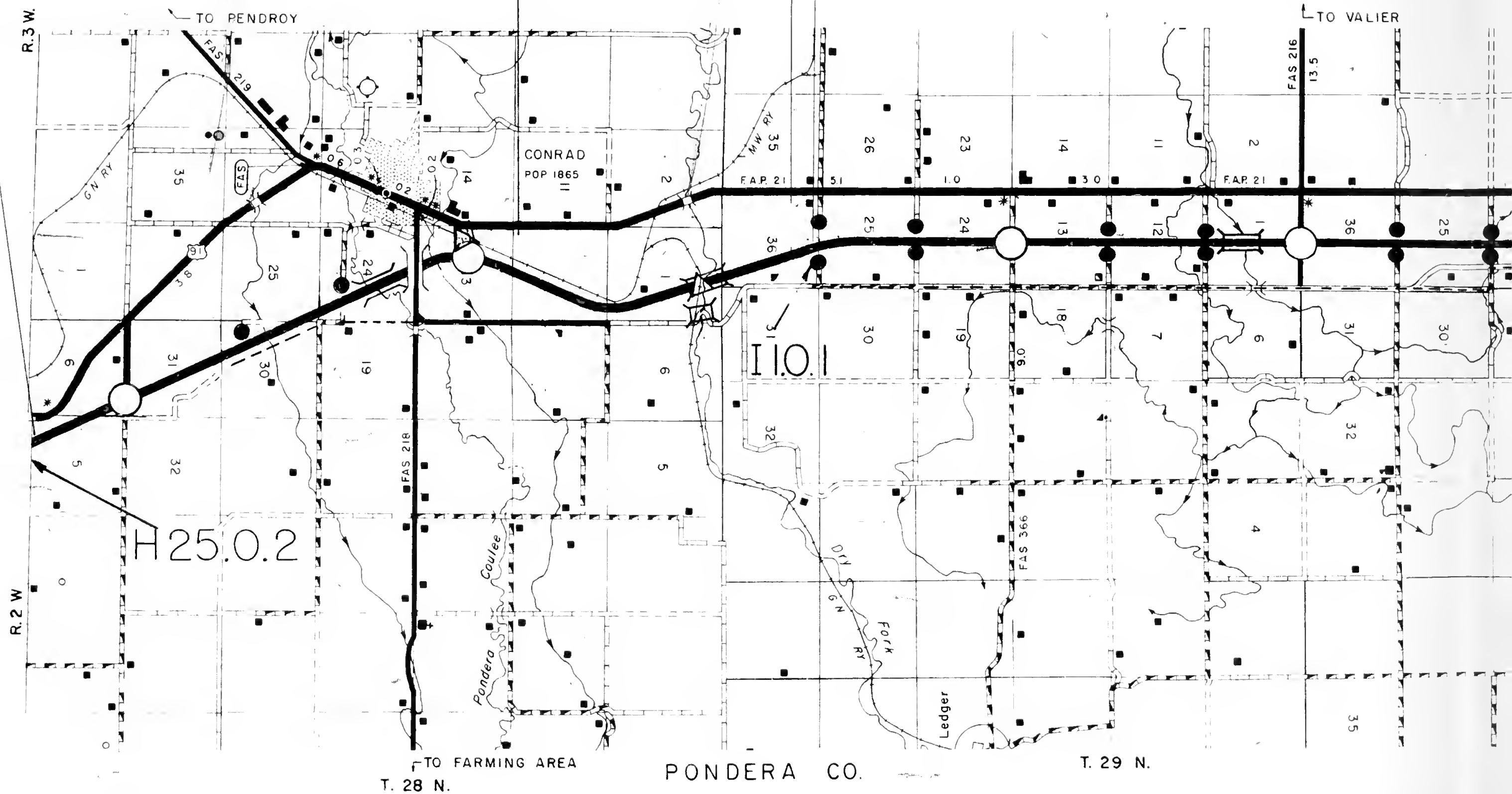
# MONTANA

## INTERSTATE ROUTE 15

Sheet 6 of 8

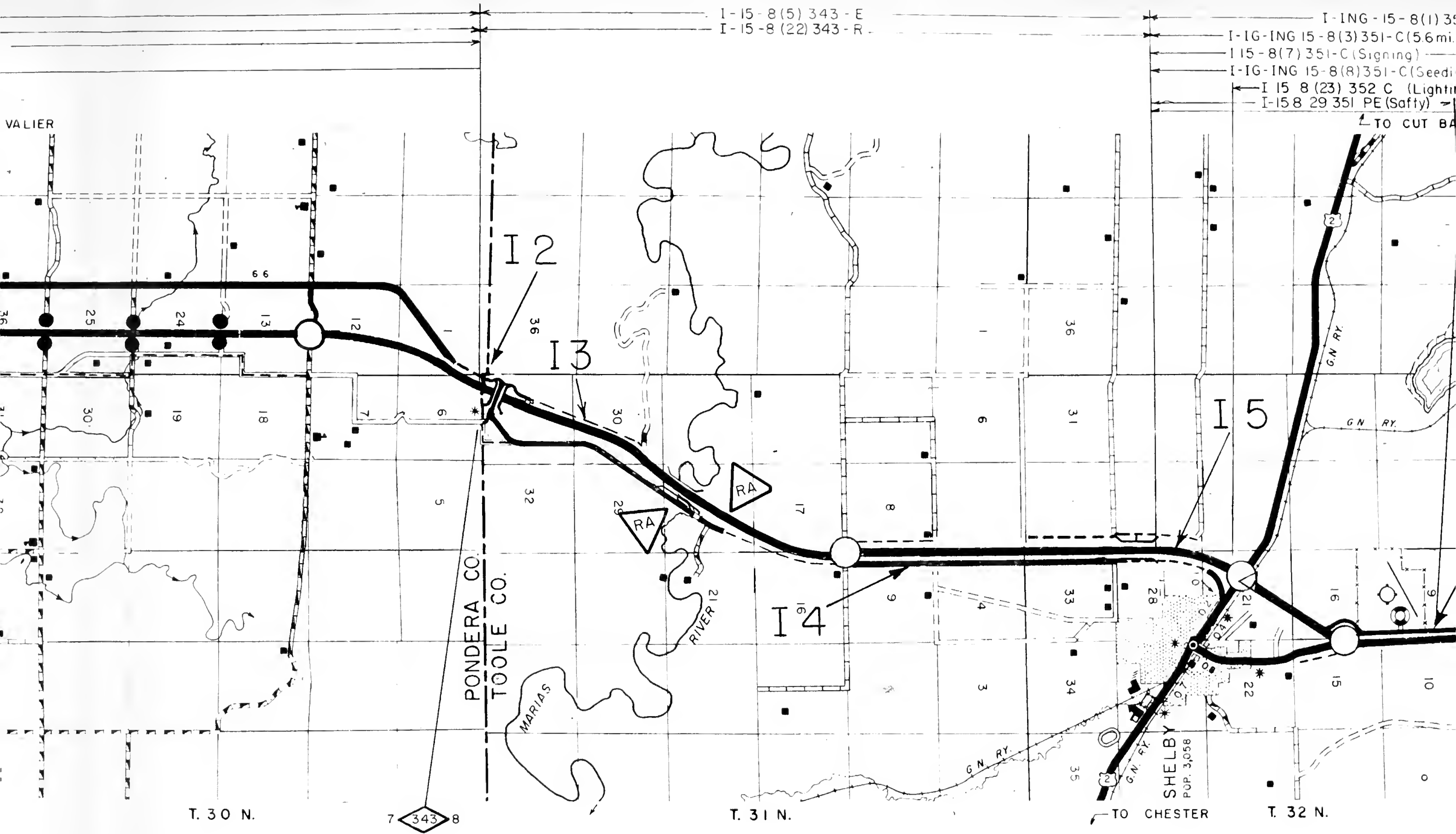
Date DECEMBER 31, 1972

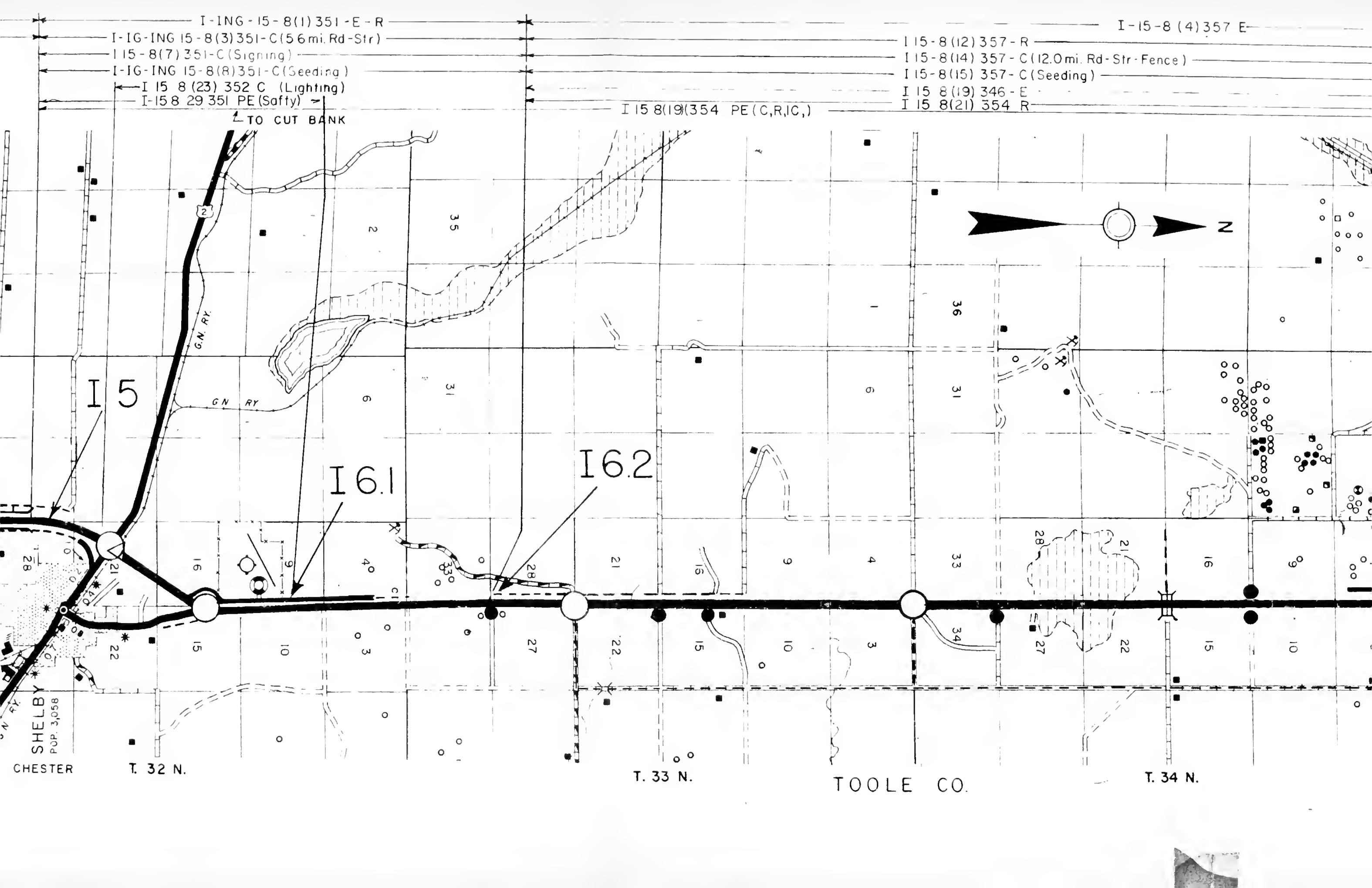
I - IG - 15 - 7 (1) 328 ER \_\_\_\_\_  
- I - 15 - 7 (7) 331 - R - \_\_\_\_\_  
- I 15 - 7 (12) 331 C (Gr., Str., Fence) \_\_\_\_\_  
I 15 7 (14) 351C (Surf.) \_\_\_\_\_





I-ING-15-8(1)35  
 - I-IG-ING 15-8(3)351-C(5.6 mi.  
 - I-15-8(7)351-C(Signing) -  
 - I-IG-ING 15-8(8)351-C(Seedi  
 ← I-15-8(23)352 C (Lightn  
 - I-15-8-29-351 PE(Safy) →





I-ING-15-8(1)351-E-R

I-IG-ING 15-8(3)351-C(56mi. Rd-Str)

I 15-8(7) 351-C(Signing)

I-IG-ING 15-8(8)351-C(Seeding)

I 15 8 (23) 352 C (Lighting)

I-15 8 29 351 PE(Safty)

I-15-8 (4) 357 E

I 15-8 (12) 357-R

I 15-8 (14) 357-C (12.0mi. Rd-Str-Fence)

I 15-8 (15) 357-C (Seeding)

I 15 8 (19) 346-E

I 15 8 (21) 354 R

I 15 8 (19) (354 PE (C,R,IC,))

TO CUT BANK

2

35

2

G.N. RY.

G.N. RY.

I 5

I 6.1

I 6.2

36

31

6

16

15

10

3

4

30

27

22

15

10

3

33

34

28

21

22

16

15

9

10

SHELBY  
POP. 3,058

CHESTER

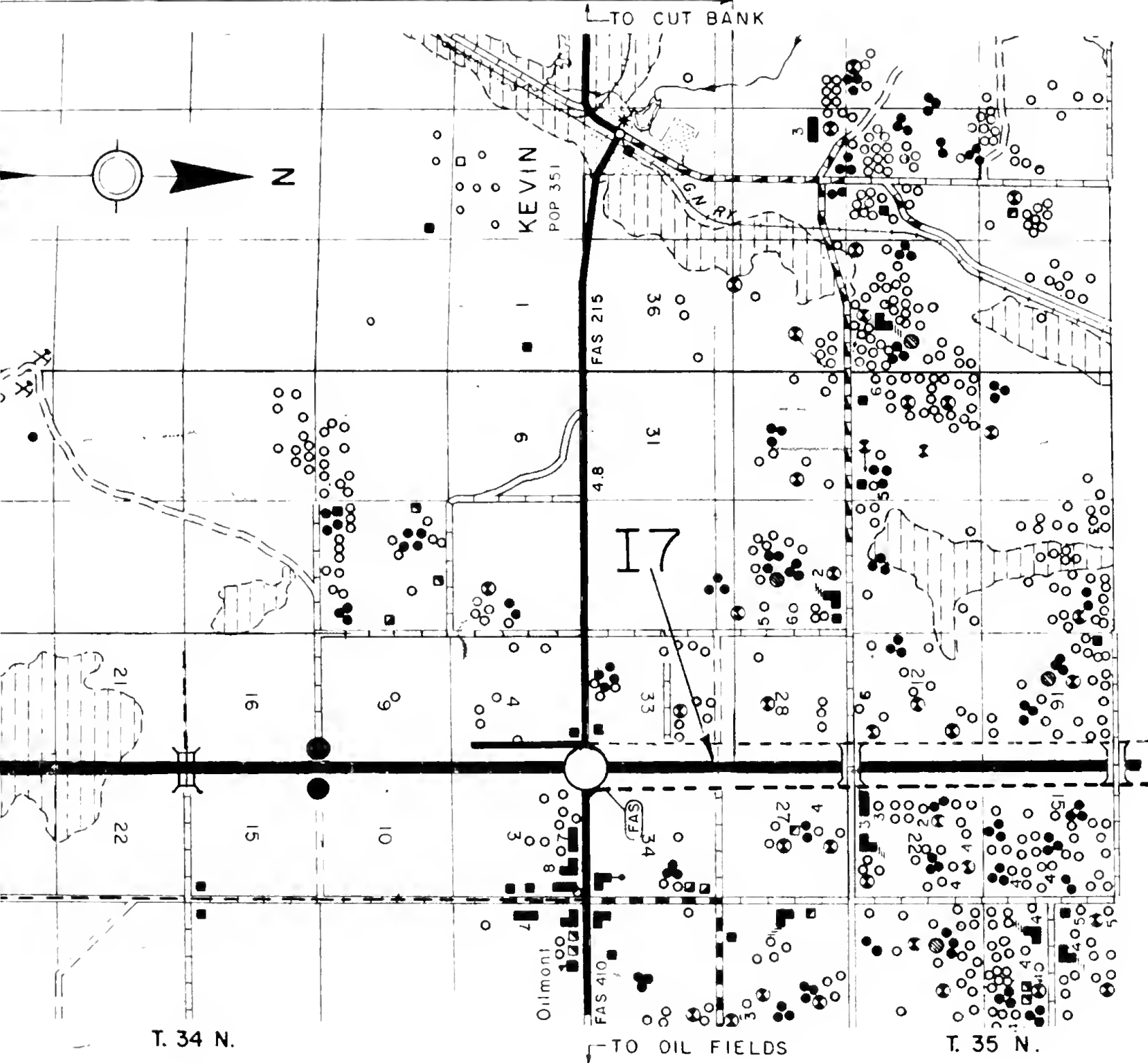
T. 32 N.

T. 33 N.

TOOLE CO.

T. 34 N.

I-15-8 (4) 357 E  
I 15-8 (13) 369 R  
I 15-8 (17) 369 C (9.2 Mi. Gr., Seed, Fence)  
I 15-8 (27) 369 C (Surf Sign)



## LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
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- URBAN AREA BOUNDARY
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- ROUTE SECTIONS

SCALE IN MILES

# MONTANA

## INTERSTATE ROUTE 15

Sheet 7 of 8

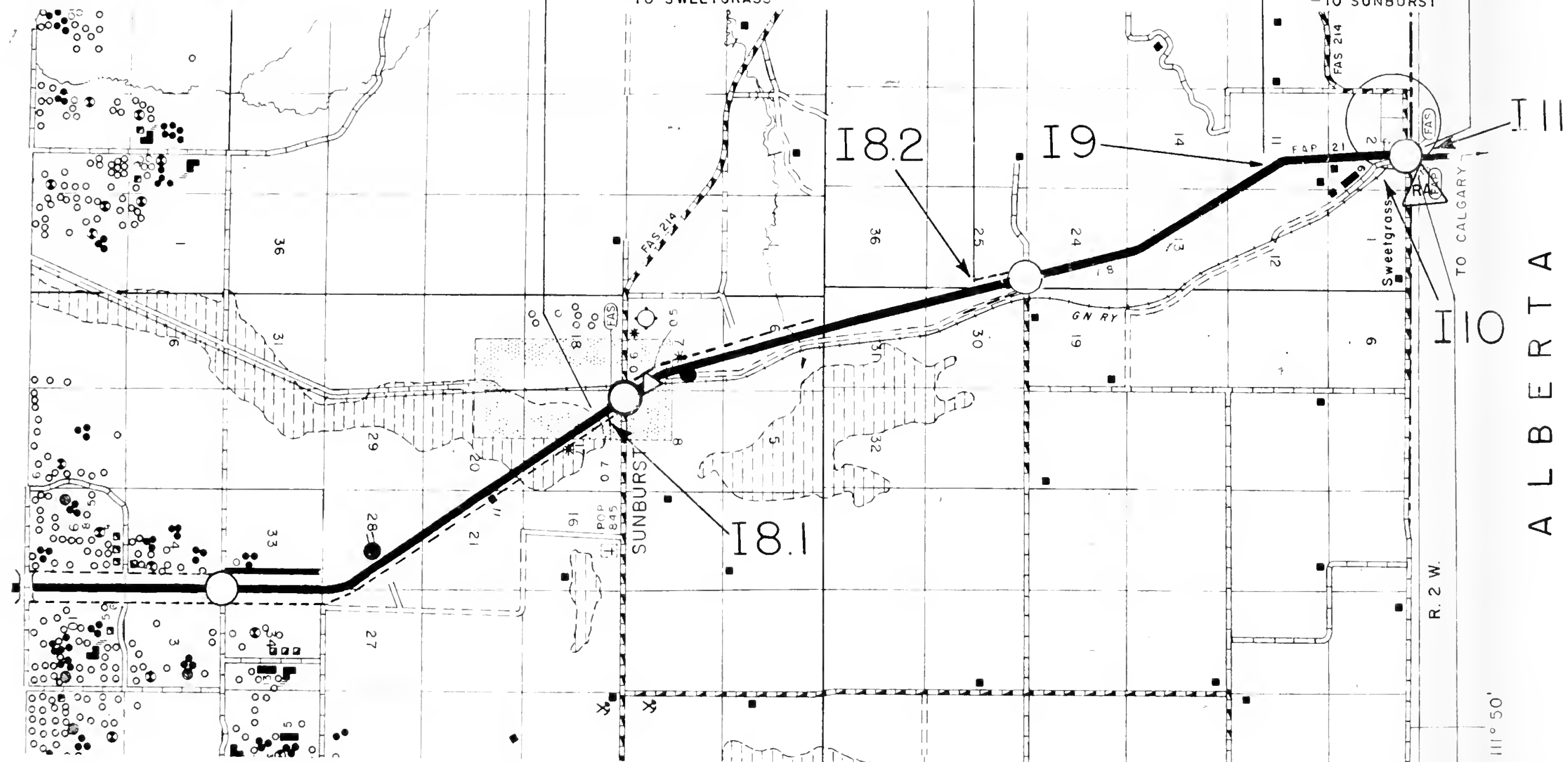
Date DECEMBER 31, 1972

I-15-8 (4) 357 E  
I 15 8 (13) 369 R  
I-15-8 (17) 369 C (92 Gr, Seed, Fence)  
I-15-8 (27) 369 C (Surf, Sign)

I-ING 15-8 (2) 379 E - R  
I-IG 15-8 (6) 379 - C (4.2 mi Rd - Str)  
I-IG 15-8 (9) 379 - C (Seeding)  
I 15-8 (10) 379 - C (Signing)  
I IG-15 8 (20) 379 E  
I-IG-15 8 (24) 379 R  
I 15-8 (11) 383 - C (4.5 mi Rd - Str - Fence)  
I 15-8 (16) 383 - C (Seeding)  
I 15 8 (18) 387 - C (Light, Signing)  
I 15 8 (29) 351 PE

TO SWEETGRASS

TO SUNBURST



T. 36 N.

TOOLE CO.

T. 37 N.

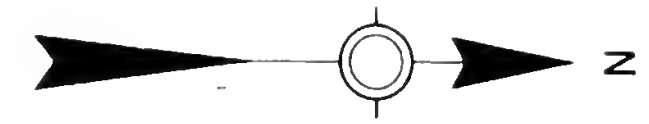
R. 2 W.

111° 50'
















8 387

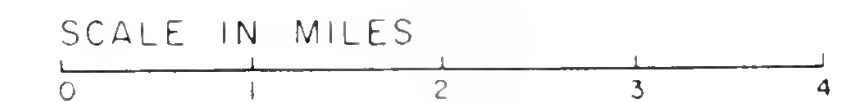
DOMINION OF CANADA

ALBERTA



# LEGEND FOR INTERSTATE ROUTES

-  INTERSTATE LOCATION STEP 4-5
-  INTERSTATE LOCATION STEP 1-2-3
-  INTERCHANGE
-  HIGHWAY GRADE SEPARATION - NO CONNECTION
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-  POST MILEAGE
-  ROUTE SECTIONS



## MONTANA

INTERSTATE ROUTE 15

Sheet 8 of 8

Date DECEMBER 31, 1972









TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE MontanaINTERSTATE ROUTE NO. 90  
Sheet 1 of 12 Sheets

ITEM	ESTIMATE SECTION													
	A1 A2.0.1	A2.0.1 A2.0.2	A2.0.2 A3.1	A3.1 A3.2	A3.2 A3.3	A3.3 A4	A4 A5.1	A5.1 A5.2	A5.2 A6	A6 A7	A7 A8.1	A8.1 A8.2.1	A8.2.1 A8.2.2	A8.2.2 A8.3
1. Section Length, miles (0.1)	4.2	3.0	3.7	5.4	5.4	0.2	5.2	4.6	0.9	1.1	0.2	0.9	3.4	4.2
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Urban Area identification (name and code)										N	N	N	E	N
4. Location: Existing, new or toll (E, N or T)	E	E	E	E	E	E	E	E	E	N	N	N	E	N
5. Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	50	50	50	50	60	70	50	60	70	70	70	70	70	70
7. Base year traffic (1972 ADT)	2388	2416	2446	2446	2397	2341	2501	2662	2662	2581	2581	2581	2405	2405
8. Traffic: a. Design year (19 )	90	93	93	93	93	94	94	95	95	95	95	95	95	96
b. ADT Design year	3800	4000	4050	4050	3950	4000	4200	4450	4450	4650	4650	4650	4150	4250
c. DHV Design year	510	530	540	540	530	530	560	590	590	620	620	620	550	570
d. D Directional distribution factors	55	55	55	55	55	55	55	55	55	55	55	55	55	55
e. T Percent trucks design year (DHV)	11	11	11	11	11	11	11	11	11	12	12	12	12	12
f. T Percent trucks design year (ADT)	15	15	15	15	15	15	15	15	15	18	18	18	18	18
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads	2.7	1.4	0.7	4.8	1.4	0.2	3.8	4.6		1.1	0.2		2.4	
11. Mileage with frontage roads	1.5	1.6	3.0	0.6	4.0		1.4		0.9			0.9	1.0	4.2
12. Typical cross-section reference	41	41	41	51	31	40	40	30	30	30	300	300	50 & 30	50
13. Right -of-Way Width: Prevailing	420	450	300	400	340	400	300	300	300	300	300	300	400	300
14. Median Width: Prevailing	10	10	10	76	76	6	10	68	46	38	46	46	168	68

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE MontanaINTERSTATE ROUTE NO. 90Sheet 2 of 12 Sheets

ITEM	ESTIMATE SECTION													
	A8.3 A9.1	A9.1 A9.2	A9.2 A9.3	A9.3 A10	A10 A11	A11 A12.1	A12.1 A12.2	A12.2 A12.3	A12.3 A13.1	A13.1 A13.3	A13.3 A14	A14 A15.0.1	A15.0.1 A15.0.2	A15.0.2 A16
1. Section Length, miles (0.1)	1.4	2.3	1.2	1.8	3.9	5.7	2.1	2.0	1.7	1.5	4.3	3.7	1.1	1.7
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Urban Area identification (name and code)														
4. Location: Existing, new or toll (E, N or T)	E	N	N	N	E	N	N	E	E	N	N	E	N	N
5. Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	70	70	70	70	70	70	70	70	70	70	70	60	70	70
7. Base year traffic (1972 ADT)	2580	2400	2536	2536	2536	2448	2448	2386	2386	2386	2598	2598	2559	2559
8. Traffic: a. Design year (19 )	96	96	75	85	84	85	85	75	97	97	97	97	75	95
b. ADT Design year	4350	4030	3150	3800	3700	3100	3100	3150	4550	4550	4850	4850	3550	5050
c. DHV Design year	580	540	420	510	490	500	500	420	610	610	650	650	470	670
d. D Directional distribution factors	55	55	55	55	55	55	55	55	55	55	55	55	55	55
e. T Percent trucks design year (DHV)	12	12	12	12	12	12	12	12	12	12	12	12	12	12
f. T Percent trucks design year (ADT)	18	18	17	17	17	17	17	17	17	17	17	17	17	17
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads								1.1	0.2					
11. Mileage with frontage roads	1.4	2.3	1.2	1.8	3.9	5.7	2.1	0.9	1.5	1.5	4.3	3.7	1.1	1.7
12. Typical cross-section reference	40	20	30	30	30	30	30	30	20	20	20	20	30	20
13. Right -of-Way Width: Prevailing	350	300	300	280	250	280	290	400	300	300	300	300	300	300
14. Median Width: Prevailing	68	28	60	36	36	36	46	46	150	38	100	46	36	32

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE MontanaINTERSTATE ROUTE NO. 90Sheet 3 of 12 Sheets

ITEM	ESTIMATE SECTION													
	A16 A17	A17 A18	A18 A19	A19 A22.1	A22.1 A22.2	A22.2 A23.0.1	A23.0.1 A23.0.2	A23.0.2 A24.1	A24.1 A24.2	A24.2 A24.3	A24.3 A25	A25 A25.1	A25.1 A25.2	A25.2 A26
1. Section Length, miles (0.1)	2.2	0.9	1.1	2.6	2.1	2.6	2.2	3.3	2.0	5.8	1.5	0.5	0.3	1.5
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	U*	R	U*
3. Urban Area identification (name and code)												363#		363#
4. Location: Existing, new or toll (E, N or T)	N	E	E	E	N	E	E	E	N	N	N	N	N	N
5. Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	70	70	70	50	70	70	70	70	60	70	70	50	50	50
7. Base year traffic (1972 ADT)	2559	2559	2559	3153	3153	3153	3236	3236	3236	4732	4732	4732	4732	8588
8. Traffic: a. Design year (19 )	95	95	95	84	89	89	89	89	84	84	85	85	85	85
b. ADT Design year	4250	4250	4250	4400	4900	4900	5600	5600	5150	8500	8700	8700	8700	12050
c. DHV Design year	670	670	670	590	650	650	740	740	680	950	970	970	970	1350
d. D Directional distribution factors	55	55	55	55	55	55	55	55	55	60	60	60	60	60
e. T Percent trucks design year (DHV)	12	12	12	12	12	12	12	12	12	9	9	9	9	9
f. T Percent trucks design year (ADT)	17	17	17	17	17	17	17	17	17	13	13	13	13	13
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads				0.6						5.8	1.5	0.5	0.3	1.5
11. Mileage with frontage roads	2.2	0.9	1.1	2.0	2.1	2.6	2.2	3.3	2.0					
12. Typical cross-section reference	30&20	20	20	20	40	30	30	30	31	31	31	31	41	41
13. Right -of-Way Width: Prevailing	400	300	250	300	400	310	300	340	280	280	310	300	300	320
14. Median Width: Prevailing	78	76	68	36	46	56	56	76	46	46	76	8	8	8

# Missoula

\* Section is comparable to a corresponding section in the 1972 Estimate.

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE MontanaINTERSTATE ROUTE NO. 90Sheet 4 of 12 Sheets

ITEM	ESTIMATE SECTION													
	A26 A27.1	A27.1 A27.2	A27.2 A28.2	A28.2 A29.1	A29.1 A30.0.1	A30.0.1 A30.0.2	A30.0.2 A31	A31 A32	A32 A33	A33 A34.0.1	A34.0.1 A34.0.2	A34.0.2 A34.0.3	A34.0.3 A35	A35 A36
1. Section Length, miles (0.1)	1.7	2.8	9.2	8.9	3.3	3.1	2.6	5.0	4.6	3.0	3.2	0.7	2.8	3.7
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Urban Area identification (name and code)														
4. Location: Existing, new or toll (E, N or T)	N	N	N	E	E	E	E	N	N	N	N	N	N	N
5. Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	50	70	70	70	60	70	50	60	50	50	70	50	70	70
7. Base year traffic (1972 ADT)	7025	4480	3983	3072	3072	3072	3072	3133	3133	3133	3133	2657	3185	3185
8. Traffic: a. Design year (19 )	84	84	75	89	89	89	88	88	88	88	84	84	84	75
b. ADT Design year	11600	5800	4850	4750	4700	4700	4650	4850	4850	4850	4500	3650	4500	3800
c. DHV Design year	1300	760	640	620	620	620	610	640	640	640	590	480	590	500
d. D Directional distribution factors	60	55	55	55	55	55	55	55	55	55	55	55	55	55
e. T Percent trucks design year (DHV)	9	11	11	11	11	11	11	11	11	11	11	12	12	12
f. T Percent trucks design year (ADT)	13	16	16	16	16	16	16	16	16	16	16	18	18	18
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads	1.7			1.0			1.6					0.7		
11. Mileage with frontage roads		2.8	9.2	7.9	3.3	3.1	1.0	5.0	4.6	3.0	3.2		2.8	3.7
12. Typical cross-section reference	41	41	30	30	30	30	30	30	40	40	30	40	30	30
13. Right -of-Way Width: Prevailing	280	290	270	300	280	300	300	290	250	240	300	300	300	310
14. Median Width: Prevailing	8	46	46	76	36	76	36	46	10	46	46	8	46	46

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE MontanaINTERSTATE ROUTE NO. 90Sheet 5 of 12 Sheets

ITEM	ESTIMATE SECTION													
	A36 A37	A37 A38	A38 B1	B1 B2.1	B2.1 B2.1.1	B2.1.1 B2.2	B2.2 B3	B3 B5.1	B5.1 B6	B6 B7	B7 B8	B8 B9	B9 B9.1	B9.1 B10
1. Section Length, miles (0.1)	5.9	6.0	2.0	4.9	0.5	7.1	1.0	6.8	6.6	4.2	3.5	1.0	7.0	1.1
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Urban Area identification (name and code)														
4. Location: Existing, new or toll (E, N or T)	N	E	N	E	N	N	N	N	N	N	N	N	E	E
5. Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	70	70	50	70	70	70	70	70	70	70	70	70	70	70
7. Base year traffic (1972 ADT)	3382	3269	3582	3099	3319	2123	3695	3695	2834	2834	4855	4855	5551	5551
8. Traffic: a. Design year (19 )	75	91	94	94	93	93	75	93	93	93	75	75	85	88
b. ADT Design year	4200	5950	5550	5550	5900	5650	4250	5850	4900	4900	5800	5800	8700	9050
c. DHV Design year	550	780	730	730	770	740	560	770	640	640	670	670	1010	1050
d. D Directional distribution factors	55	55	55	55	55	55	55	55	55	55	55	55	55	55
e. T Percent trucks design year (DHV)	12	12	12	12	12	12	12	12	12	12	8	8	8	8
f. T Percent trucks design year (ADT)	16	16	17	17	17	17	17	17	17	17	11	11	11	11
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads		2.7	0.2	3.7		0.5					2.8	1.0	2.6	1.1
11. Mileage with frontage roads	5.9	3.3	1.8	1.2	0.5	6.6	1.0	6.8	6.6	4.2	0.7		4.4	
12. Typical cross-section reference	30	30	30	30	20	20	30	30	30	30	30	30	30	30
13. Right -of-Way Width: Prevailing	310	370	400	400	250	280	320	300	300	240	320	230	300	220
14. Median Width: Prevailing	46	68	68	68	76	58	56	56	56	76	76	46	100	76

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE MontanaINTERSTATE ROUTE NO. 90Sheet 6 of 12 Sheets

ITEM	ESTIMATE SECTION													
	B10 B12.3.1	B12.3.1 B12.3.2	B12.3.2 B13.0.1	B13.0.1 B13.0.2	B13.0.2 B14.1	B14.1 B14.2	B14.2 B15	B15 B16	B16 B17.1	B17.1 B18	B18 C1	C1 C2	C2 C3.1.1	C3.1.1 C3.1.2
1. Section Length, miles (0.1)	15	3.1	2.6	2.3	4.7	2.4	7.1	2.5	4.9	10.4	4.6	2.4	3.1	1.2
2. Class: Rural or Urban (R or U)		R	R	R	R	R	R	R	R	R	R	R	R	R
3. Urban Area identification (name and code)														
4. Location: Existing, new or toll (E, N or T)		N	N	N	N	N	N	N	E	N	N	N	N	N
5. Mileage increment: Code 1, 2, or 3		1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)		60	50	50	50	60	60	70	70	50	60	60	70	70
7. Base year traffic (1972 ADT)		3281	3281	3002	3002	2851	2647	2647	2526	2526	2526	2526	3520	3520
8. Traffic: a. Design year (19 )		75	84	84	84	84	84	84	87	88	88	88	87	87
b. ADT Design year		3500	4150	4150	4150	4050	3900	3900	3800	3850	3850	3800	5300	5300
c. DHV Design year		470	560	560	560	540	520	520	510	520	520	520	710	710
d. D Directional distribution factors		55	55	55	55	55	55	55	55	55	55	55	55	55
e. T Percent trucks design year (DHV)		11	11	11	11	11	11	11	14	14	14	14	11	11
f. T Percent trucks design year (ADT)		16	16	16	16	16	16	16	20	20	20	20	16	16
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)		4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads		1.4	2.6	0.8	4.7	0.5	4.6	2.5			4.1	2.4	2.1	1.2
11. Mileage with frontage roads		1.7		1.5		1.9	2.5		4.9	10.4	0.5		1.0	
12. Typical cross-section reference		31	40	40	40	40	30	30	30	30	30	30	31	31
13. Right -of-Way Width: Prevailing		360	340	400	350	300	360	360	340	300	320	320	320	300
14. Median Width: Prevailing		76	8	8	8	8	76	76	46	76	76	76	76	76



TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE MontanaINTERSTATE ROUTE NO. 90  
Sheet 7 of 12 Sheets

ITEM	ESTIMATE SECTION													
	C3.1.2 C4.2	C4.2 C5.1	C5.1 C5.2	C5.2 C6	C6 C6.1	C6.1 C7.1	C7.1 C7.2	C7.2 C8.1	C8.1 C8.2	C8.2 C9	C9 C10	C10 C11	C11 C11.1	C11.1 C12.1
1. Section Length, miles (0.1)	10.7	9.5	8.4	0.8	0.9	0.8	3.0	1.1	4.2	3.1	5.1	3.4	2.3	0.9
2. Class: Rural or Urban (R or U)	R	R	R	R	U*	U*	R	R	R	R	R	R	R	U*
3. Urban Area identification (name and code)					358#	358#								362#
4. Location: Existing, new or toll (E, N or T)	N	N	N	N	N	N	N	N	E	E	E	N	N	N
5. Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	60	70	70	70	70	70	60	70	50	50	50	60	60	60
7. Base year traffic (1972 ADT)	4042	4368	2349	2349	2349	4565	4565	3660	3542	3424	3569	3569	2802	2397
8. Traffic: a. Design year (19 )	75	84	84	92	92	92	92	75	75	94	94	94	75	75
b. ADT Design year	5150	6700	3000	3450	3450	8250	8250	4550	4500	6150	6450	6450	3450	3450
c. DHV Design year	690	900	400	460	460	1110	1110	610	600	820	860	860	460	460
d. D Directional distribution factors	55	55	55	55	55	55	55	55	55	55	55	55	55	55
e. T Percent trucks design year (DHV)	12	11	12	12	12	11	11	11	11	11	11	11	12	12
f. T Percent trucks design year (ADT)	17	17	18	18	18	16	16	16	16	16	16	16	17	17
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads	7.2	5.0	5.2	0.8	0.5	0.2			4.2	2.4			0.7	0.9
11. Mileage with frontage roads	3.5	4.5	3.2		0.4	0.6	3.0	1.1		0.7	5.1	3.4	1.6	
12. Typical cross-section reference	31	31	31	31	31	31	31	30	42	30	30	30	30	30
13. Right -of-Way Width: Prevailing	300	300	300	270	270	270	270	300	300	380	500	500	300	300
14. Median Width: Prevailing	76	76	76	36	36	36	36	10	10	76	76	76	46	46

# Bozeman 358  
# Livingston 362  
\* Section is comparable to a corresponding section in the 1972 Estimate.

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE MontanaINTERSTATE ROUTE NO. 90  
Sheet 8 of 12 Sheets

ITEM	ESTIMATE SECTION													
	C12.1 C13	C13 C14	C14 C15.1	C15.1 C15.2	C15.2 C15.3	C15.3 D1	D1 D2	D2 D3.1	D3.1 D3.2	D3.2 D4.1	D4.1 D4.2	D4.2 D5.1	D5.1 D5.2	D5.2 D5.3
1. Section Length, miles (0.1)	0.9	3.5	3.4	9.1	3.3	0.6	13.1	4.0	6.0	3.2	9.8	1.0	0.3	1.8
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Urban Area identification (name and code)														
4. Location: Existing, new or toll (E, N or T)	N	N	E	E	E	E	E	N	N	N	N	N	N	N
5. Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	60	60	70	70	70	70	70	70	70	70	70	70	70	70
7. Base year traffic (1972 ADT)	2397	2397	3296	3152	3104	3107	3270	3270	3301	3100	2900	2900	2900	2982
8. Traffic: a. Design year (19 )	75	75	75	98	75	97	97	95	95	90	90	90	90	75
b. ADT Design year	3450	3450	3800	5300	3550	5000	5500	5500	5400	4200	4050	4050	4050	3450
c. DHV Design year	460	450	510	710	480	670	740	740	720	560	540	540	540	460
d. D Directional distribution factors	55	55	55	55	55	55	55	55	55	55	55	55	55	55
e. T Percent trucks design year (DHV)	12	12	14	14	14	14	14	14	12	12	12	12	12	12
f. T Percent trucks design year (ADT)	17	17	19	19	19	19	19	19	18	18	18	18	18	18
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads	0.9	3.5		2.1	3.3	0.2		3.1						
11. Mileage with frontage roads			3.4	7.0		0.4	13.1	.9	6.0	3.2	9.8	1.0	0.3	1.8
12. Typical cross-section reference	30	30	30	20	50	30	30	30	30	30	30	20	20	30
13. Right -of-Way Width: Prevailing	300	300	300	350	450	350	350	350	350	400	400	400	400	300
14. Median Width: Prevailing	46	46	46	46	46	100	100	100	100	76	76	76	76	46

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE MontanaINTERSTATE ROUTE NO. 90  
Sheet 9 of 12 Sheets

ITEM	ESTIMATE SECTION													
	D5.3 D6	D6 D7.1	D7.1 D7.2	D7.2 D8	D8 D8.1	D8.1 D9	D9 D9.1	D9.1 D10.1	D10.1 D10.2	D10.2 D11	D11 D12	D12 D13.1	D13.1 D13.2	D13.2 D13.3
1. Section Length, miles (0.1)	3.0	3.0	1.5	8.2	1.3	4.2	3.1	6.1	3.1	3.1	4.9	3.9	1.4	5.2
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Urban Area identification (uame and code)														
4. Location: Existing, new or toll (E, N or T)	E	N	E	N	N	N	N	N	N	N	N	N	N	E
5. Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	70	70	70	50	60	60	60	60	70	70	70	70	70	70
7. Base year traffic (1972 ADT)	2982	3023	3023	3063	3644	3644	3644	3644	3644	4145	3927	8299	8299	8299
8. Traffic: a. Design year (19 )	93	93	90	90	90	89	89	89	89	85	85	75	75	75
b. ADT Design year	4700	4700	4700	4750	5800	5700	5700	5700	5700	5800	4850	10100	10100	10100
c. DHV Design year	630	630	630	640	780	760	760	760	760	650	540	1130	1130	1130
d. D Directional distribution factors	55	55	55	55	55	55	55	55	55	55	55	60	60	60
e. T Percent trucks design year (DHV)	12	12	12	12	12	12	12	12	12	12	13	7	7	7
f. T Percent trucks design year (ADT)	18	18	18	18	18	18	18	18	18	18	19	10	10	10
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads	1.0	1.8	0.1								1.3			
11. Mileage with frontage roads	2.0	1.2	1.4	8.2	1.3	4.2	3.1	6.1	3.1	3.1	3.6	3.9	1.4	5.2
12. Typical cross-section reference	20	20	20	30	30	30	30	30	30	30	30	30	30	30
13. Right -of-Way Width: Prevailing	350	350	350	500	300	300	300	300	300	300	300	300	300	300
14. Median Width: Prevailing	38	38	76	76	76	76	46	46	46	46	50	50	50	50

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE MontanaINTERSTATE ROUTE NO. 90  
Sheet 10 of 12 Sheets

ITEM	ESTIMATE SECTION													
	D13.3 D14.0.1	D14.0.1 D14.0.2	D14.0.2 D14.0.3	D14.0.3 D15.1	D15.1 D15.2	D15.2 D15.3	D15.3 D16-M1	M1 M2	M2 M3	M3 M4	M4 M5	M5 M6	M6 M7	M7 M8,0.1
1. Section Length, miles (0.1)	0.9	1.2	3.0	2.4	1.2	2.0	1.0	6.6	5.5	2.5	2.3	4.3	8.6	6.2
2. Class: Rural or Urban (R or U)	U*	U*	U*	U*	U*	U*	R	R	R	R	R	R	R	R
3. Urban Area identification (name and code)	356#	356#	356#	356#	356#	356#								
4. Location: Existing, new or toll (E, N or T)	E	N	N	N	N	N	N	N	N	N	N	N	N	N
5. Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	70	70	70	70	60	70	70	50	50	70	60	60	60	60
7. Base year traffic (1972 ADT)	8299	3729	3729	2976	6174	6174	6174	2097	2097	2100	2100	2100	2185	2185
8. Traffic: a. Design year (19 )	75	75	84	84	84	85	85	88	90	90	90	90	90	88
b. ADT Design year	10100	4500	5550	6700	7300	7400	7400	3750	3850	3900	3900	3900	3750	3650
c. DHV Design year	1130	500	620	750	820	830	830	540	550	560	560	560	540	520
d. D Directional distribution factors	60	60	60	60	60	60	60	55	55	55	55	55	55	55
e. T Percent trucks design year (DHV)	7	7	7	7	7	7	7	11	11	11	11	11	11	11
f. T Percent trucks design year (ADT)	10	10	10	10	10	10	10	16	16	16	16	16	16	16
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads					0.9			3.0			2.3	3.0	5.4	
11. Mileage with frontage roads	0.9	1.2	3.0	2.4	0.3	2.0	1.0	3.6	5.5	2.5		1.3	3.2	6.2
12. Typical cross-section reference	30	30	30	30	30	30	30	30	30	30	30	30	30	30
13. Right -of-Way Width: Prevailing	300	300	300	300	300	300	300	340	400	400	400	430	430	300
14. Median Width: Prevailing	50	50	50	50	50	50	50	76	76	76	76	176	176	76

# Billings

\* Section is comparable to a corresponding section in the 1972 Estimate.

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE MontanaINTERSTATE ROUTE NO. 90Sheet 11 of 12 Sheets

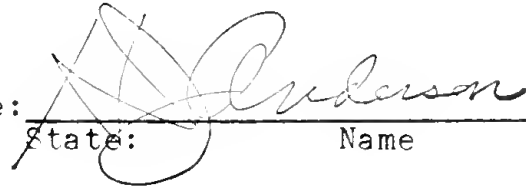
ITEM	ESTIMATE SECTION													
	M8.0.1 M9	M9 M10	M10 M11	M11 M12	M12 M13	M13 M14	M14 M15	M15 M15.1	M15.1 M16	M16 M17	M17 M18	M18 M19	M19 M20	M20 M21
1. Section Length, miles (0.1)	8.0	2.4	0.7	5.1	0.9	1.7	0.8	4.6	2.0	10.4	1.4	12.7	5.6	4.6
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Urban Area identification (name and code)														
4. Location: Existing, new or toll (E, N or T)	N	E	E	E	E	E	E	E	N	N	N	N	N	N
5. Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	70	70	70	70	70	70	70	70	70	70	70	70	70	70
7. Base year traffic (1972 ADT)	3018	3018	3001	3001	2983	2394	2394	1837	1837	1837	1837	1750	1530	1530
8. Traffic: a. Design year (19 )	88	88	75	93	75	91	75	94	95	95	95	96	97	97
b. ADT Design year	5300	5300	3700	5050	4150	3850	2900	3200	3200	3200	3200	2600	2700	2700
c. DHV Design year	760	760	530	720	590	550	410	460	460	460	460	370	390	390
d. D Directional distribution factors	55	55	55	55	55	55	55	55	55	55	55	55	55	55
e. T Percent trucks design year (DHV)	9	9	9	9	9	13	13	13	13	13	13	13	13	13
f. T Percent trucks design year (ADT)	12	12	12	12	12	19	19	19	19	19	19	19	19	19
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads														
11. Mileage with frontage roads	8.0	2.4	0.7	5.1	0.9	1.7	0.8	4.6	2.0	10.4	1.4	12.7	5.6	4.6
12. Typical cross-section reference	30	20	30	20	50	30	20	20	30	30	30	30	30	50&30
13. Right -of-Way Width: Prevailing	300	300	300	240	300	300	370	320	320	400	400	400	500	500
14. Median Width: Prevailing	56	56	56	56	26	56	38	38	68	68	68	128	128	68

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE Montana

INTERSTATE ROUTE NO. 90  
Sheet 12 of 12 Sheets

ITEM	ESTIMATE SECTION											Subtotal		Total for Rte.
												Rural	Urban	
1. Section Length, miles (0.1)												528.4	15.3	543.7
2. Class: Rural or Urban (R or U)														
3. Urban Area identification (name and code)														
4. Location: Existing, new or toll (E, N or T)														
5. Mileage increment: Code 1, 2, or 3														
6. Design speed (V)														
7. Base year traffic (1972 ADT)														
8. Traffic: a. Design year (19 )														
b. ADT Design year														
c. DHV Design year														
d. D Directional distribution factors														
e. T Percent trucks design year (DHV)														
f. T Percent trucks design year (ADT)														
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)														
10. Mileage without frontage roads												135.8	4.5	140.3
11. Mileage with frontage roads												392.6	10.8	403.4
12. Typical cross-section reference														
13. Right -of-Way Width: Prevailing														
14. Median Width: Prevailing														

Signature:  Director of Highways July 16, 1973  
State: \_\_\_\_\_ Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_


 Division Engineer July 16, 1973  
FHWA: \_\_\_\_\_ Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_



TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 90  
Sheet 1 of 12 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	A1 A2.0.1	A2.0.1 A2.0.2	A2.0.2 A2.1	A3.1 A3.2	A3.2 A3.3	A3.3 A4	A4 A5.1	A5.1 A5.2	A5.2 A6	A6 A7	A7 A8.1	A8.1 A8.2.1	A8.2.1 A8.2.2	A8.2.2 A8.3
	22	22	22	22	22	22	22	22	22	23	23	23	22	23
Section Length, miles (0.1)	4.2	3.0	3.7	5.4	5.4	0.2	5.2	4.6	0.9	1.1	0.2	0.9	3.4	4.2
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Urban Area Identification (name and code)														
Location: Existing, new or toll (E, N or T)	F	E	F	E	F	F	F	F	F	N	N	N	E	N
Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	4	4	4	4	4	4	4	4	4	4	4	4	4	4
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement Dec. 31, 1972 (PR-511)	3a(3)	3a(3)	3a(3)	3a(2)	3a(2)	3a(2)	4a(1)	4a(3)	4a(1)	4a(1)	4a(1)	4a(1)	4a(1)	4a(1)
WORK CLASSIFICATION														
1. Preliminary Engineering				30	30	1	29	53	10	13	2	10	39	48
2. Right -of-Way					18			198	39	47	9	39		213
a. Right -of-Way and acquisition								1	26	217				13
b. Relocation payments and services														
3. Clear & grub								181	35	43	8	35	166	
4. Utility adjustments						6	164	123	23	23	23	23		19
5. Grade & drain; minor structures						72	1865	1252	245	299	54	245	878	1187
6. Subbase; base; surfacing; shoulders	1125	804	991	1447	1447	110	2856	2147	420	514	93	420	1474	1275
7. R.R. grade separations														
8. Highway grade separations without ramps									204			127		188
9. Interchanges						316	264	89		376			379	428
10. Other bridges; tunnels							3259	3438		653	1956			5849
11. Walls								478						
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices	4	3	4	5	4	9	244	272	53	65	12	53	124	121
b. Motorist service signs						0				4				5
c. Safety improvements on completed sections														
13. Roadside improvement														
a. Erosion Control						2	59	96	19	23	4	19	80	10
b. Landscape Planting						2	2	2		2			2	2
c. Safety rest areas						207		151						
d. Scenic overlooks														
14. All other items	44	32	39	57	57	6	164	135	26	32	6	26	89	5
15. Subtotal, lines 3 to 14	1173	839	1034	1509	1508	730	8877	8364	1025	2034	2156	948	3192	9089
16. Construction Engineering & Contingencies, 10% of Line 15	176	126	155	226	226	110	1332	1255	154	305	323	142	479	1363
17. Total Cost of Construction, Lines 15 & 16	1349	965	1189	1735	1734	840	10209	9619	1179	2339	2479	1090	3671	10452
18. Total Estimate Cost, line 1, 2 & 17	1349	965	1189	1765	1782	841	10238	9871	1254	2616	2490	1139	3710	10726

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 90  
Sheet 2 of 12 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	A8.3 A9.1	A9.1 A9.2	A9.2 A9.3	A9.3 A10	A10 A11	A11 A12.1	A12.1 A12.2	A12.2 A12.3	A12.3 A13.1	A13.1 A13.3	A13.3 A14	A14 A15.0.1	A15.0.1 A15.0.2	A15.0.2 A16
	22	23	23	23	22	23	23	22	22	23	23	22	23	23
Section Length, miles (0.1)	1.4	2.3	1.2	1.8	3.9	5.7	2.1	2.0	1.7	1.5	4.3	3.7	1.1	1.7
Class: Rural or Urban (R or U)	F	F	F	F	F	F	F	F	F	F	F	F	F	F
Urban Area identification (name and code)														
Location: Existing, new or toll (E, N or T)	F	N	N	N	F	N	N	F	F	N	N	F	N	N
Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	2	2	0	0	0	0	0	0	2	2	2	2	0	2
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement Dec. 31, 1972 (PR-511)	2a(2)f	2a(2)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	2a(2)f	2a(2)f	2a(2)f	2a(2)f	1a(1)f	2a(2)f
WORK CLASSIFICATION														
1. Preliminary Engineering	23	39	1	1	2	2	1	1					1	
2. Right -of-Way														
a. Right -of-Way and acquisition	23	13												
b. Relocation payments and services														
3. Clear & grub									18	16	46	39		
4. Utility adjustments	180	90												11
5. Grade & drain; minor structures	347	533							141	124	357	307		215
6. Subbase; base; surfacing; shoulders	188	196							148	131	375	323		130
7. R.R. grade separations										679	150			
8. Highway grade separations without ramps		42												
9. Interchanges		413	56								129			18
10. Other bridges; tunnels	2404	713								1001	862			
11. Walls		227												
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices	42	42							50	44	125	108		48
b. Motorist service signs		5	4											
c. Safety improvements on completed sections			40	60	130	190	70	67					12	
13. Roadside improvement														
a. Erosion Control	3	4							13	11	32	28		25
b. Landscape Planting		2									3			1
c. Safety rest areas														
d. Scenic overlooks												29		
14. All other items	130	214							14	13	36	31		17
15. Subtotal, lines 3 to 14	3294	2481	100	60	130	190	70	67	384	2019	2115	865	12	465
16. Construction Engineering & Contingencies, 10% of Line 15	494	372	15	9	20	29	11	10	58	303	317	130	2	70
17. Total Cost of Construction, Lines 15 & 16	3788	2853	115	69	150	219	81	77	442	2322	2432	995	14	535
18. Total Estimate Cost, line 1, 2 & 17	3834	2905	116	70	152	221	82	78	442	2322	2432	995	15	535

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 90  
Sheet 3 of 12 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	A16 A17	A17 A18	A18 A19	A19 A22.1	A22.1 A22.2	A22.2 A23.0.1	A23.0.1 A23.0.2	A23.0.2 A24.1	A24.1 A24.2	A24.2 A24.3	A24.3 A25	A25 A25.1	A25.1 A25.2	A25.2 A26
	23	22	22	22	20	20	22	20	20	20	20	20	20	23
Section Length, miles (0.1)	2.2	0.9	1.1	2.6	2.1	2.6	2.2	3.3	2.0	5.8	1.5	0.5	0.3	1.5
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	U*	R	U*
Urban Area identification (name and code)												363#		363#
Location: Existing, new or toll (E, N or T)	N	F	F	F	N	E	F	F	N	N	N	N	N	N
Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	2	2	2	0	0	0	0	0	0	0	0	0	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement Dec. 31, 1972 (PR-511)	2a(2)f	2a(2)f	2a(2)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f
WORK CLASSIFICATION														
1. Preliminary Engineering	6	3	3											
2. Right -of-Way														
a. Right -of-Way and acquisition														
b. Relocation payments and services														
3. Clear & grub														
4. Utility adjustments														
5. Grade & drain; minor structures	391	160	195											
6. Subbase; base; surfacing; shoulders	196	80	98											
7. R.R. grade separations														
8. Highway grade separations without ramps		42												
9. Interchanges	198		2				22							5
10. Other bridges; tunnels			1125											
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices	69	28	35											
b. Motorist service signs														
c. Safety improvements on completed sections				82										
13. Roadside improvement														
a. Erosion Control	37	15	19											
b. Landscape Planting	2													
c. Safety rest areas														
d. Scenic overlooks														
14. All other items	24	10	12											
15. Subtotal, lines 3 to 14	917	335	1486	82			22							5
16. Construction Engineering & Contingencies, 10% of Line 15	138	50	223	12			3							1
17. Total Cost of Construction, Lines 15 & 16	1055	385	1709	94			25							6
18. Total Estimate Cost, line 1, 2 & 17	1061	388	1712	94			25							6

# Missoula

\* Section is comparable to a corresponding section in the 1972 Estimate.

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 90  
Sheet 4 of 12 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	A26 A27.1	A27.1 A27.2	A27.2 A28.2	A28.2 A29.1	A29.1 A30.0.1	A30.0.1 A30.0.2	A30.0.2 A31	A31 A32	A32 A33	A33 A34.0.1	A34.0.1 A34.0.2	A34.0.2 A34.0.3	A34.0.3 A35	A35 A36
	23	23	23	22	22	22	22	23	23	23	20	20	20	20
Section Length, miles (0.1)	1.7	2.8	9.2	8.9	3.3	3.1	2.6	5.0	4.6	3.0	3.2	0.7	2.8	3.7
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Urban Area Identification (name and code)														
Location: Existing, new or toll (E, N or T)	N	N	N	F	F	F	E	N	N	N	N	N	N	N
Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement Dec. 31, 1972 (PR-511)	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f
WORK CLASSIFICATION														
1. Preliminary Engineering	2			14		8	7	13	12	8				
2. Right -of-Way														
a. Right -of-Way and acquisition						59	59	59	59	59				
b. Relocation payments and services														
3. Clear & grub														
4. Utility adjustments														
5. Grade & drain; minor structures														
6. Subbase; base; surfacing; shoulders														
7. R.R. grade separations														
8. Highway grade separations without ramps					498									
9. Interchanges		28												
10. Other bridges; tunnels														
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices														
b. Motorist service signs														
c. Safety improvements on completed sections			148		22									
13. Roadside improvement														
a. Erosion Control					117									
b. Landscape Planting														
c. Safety rest areas														
d. Scenic overlooks														
14. All other items					8									
15. Subtotal, lines 3 to 14	-	28	148	-	645	-	-	-	-	-				
16. Construction Engineering & Contingencies, 10% of Line 15	-	4	22	-	97	-	-	-	-	-				
17. Total Cost of Construction, Lines 15 & 16	-	32	170	-	742	-	-	-	-	-				
18. Total Estimate Cost, line 1, 2 & 17	2	32	170	14	742	67	66	72	71	67				

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 90  
Sheet 5 of 12 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	A36 A37	A37 A38	A38 B1	B1 B2.1	B2.1 B2.1.1	B2.1.1 B2.2	B2.2 B3	B3 B5.1	B5.1 B6	B6 B7	B7 B8	B8 B9	B9 B9.1	B9.1 B10
	20	22	23	22	23	21	20	23	23	23	23	23	22	22
Section Length, miles (0.1)	5.9	6.0	2.0	4.9	0.5	7.1	1.0	6.8	6.6	4.2	3.5	1.0	7.0	1.1
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Urban Area Identification (name and code)														
Location: Existing, new or toll (E, N or T)	N	F	N	F	N	N	N	N	N	N	N	N	E	E
Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	0	0	4	4	2	0	0	4	4	4	0	0	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement Dec. 31, 1972 (PR-511)	1a(1)f	3a(2)	4a(1)	4a(1)	2a(1)f	2a(1)f	1a(1)f	4a(1)	4a(1)	4a(1)	1a(1)f	1a(1)f	1a(1)f	1a(1)f
WORK CLASSIFICATION														
1. Preliminary Engineering			9	22					15	9			2	
2. Right -of-Way														
a. Right -of-Way and acquisition														
b. Relocation payments and services														
3. Clear & grub														
4. Utility adjustments														
5. Grade & drain; minor structures		84	729	1785	182			1489	1843	769				
6. Subbase; base; surfacing; shoulders		82	356	873	89			944	871	512				
7. R.R. grade separations			2350	1782					837					
8. Highway grade separations without ramps			68		58			388	23					
9. Interchanges			157	605					906					
10. Other bridges; tunnels				234					146	262				
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices			54	132	13			99	126	63				
b. Motorist service signs				3				1	1					
c. Safety improvements on completed sections										111	32	222	35	
13. Roadside improvement														
a. Erosion Control			34	84	8			39	116	68				
b. Landscape Planting			2	4					2					
c. Safety rest areas										195				
d. Scenic overlooks														
14. All other items			39	96	10			88	97	48				
15. Subtotal, lines 3 to 14		166	3789	5598	360			3198	4968	1722	306	32	222	35
16. Construction Engineering & Contingencies, 10% of Line 15		25	568	840	54			480	745	258	46	5	33	5
17. Total Cost of Construction, Lines 15 & 16		191	4357	6438	414			3678	5713	1980	352	37	255	40
18. Total Estimate Cost, line 1, 2 & 17		191	4366	6460	414			3678	5728	1989	352	37	257	40

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 90  
Sheet 6 of 12 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	B10 B12.3.1	B12.3.1 B12.3.2	B12.3.2 B13.0.1	B13.0.1 B13.0.2	B13.0.2 B14.1	B14.1 B14.2	B14.2 B15	B15 B16	B16 B17.1	B17.1 B18	B18 C1	C1 C2	C2 C3.1.1	C3.1.1 C3.1.2
		20	20	23	23	23	23	23	22	20	20	20	23	23
Section Length, miles (0.1)		3.1	2.6	2.3	4.7	2.4	7.1	2.5	4.9	10.4	4.6	2.4	3.1	1.2
Class: Rural or Urban (R or U)		R	R	R	R	R	R	R	R	R	R	R	R	R
Urban Area identification (name and code)														
Location: Existing, new or toll (E, N or T)		N	N	N	N	N	N	N	F	N	N	N	N	N
Mileage increment: Code 1, 2, or 3		1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate		0	0	0	0	0	0	0	0	0	0	0	0	0
No. through traffic lanes		4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement Dec. 31, 1972 (PR-511)		1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f
WORK CLASSIFICATION														
1. Preliminary Engineering					6									
2. Right -of-Way														
a. Right -of-Way and acquisition														
b. Relocation payments and services														
3. Clear & grub														
4. Utility adjustments														
5. Grade & drain; minor structures														
6. Subbase; base; surfacing; shoulders														
7. R.R. grade separations														
8. Highway grade separations without ramps														
9. Interchanges							22							
10. Other bridges; tunnels														
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices														
b. Motorist service signs														
c. Safety improvements on completed sections				73	158	76	225	79	155				98	38
13. Roadside improvement														
a. Erosion Control														
b. Landscape Planting														
c. Safety rest areas				252									303	
d. Scenic overlooks														
14. All other items														
15. Subtotal, lines 3 to 14				325	158	76	247	79	155				401	38
16. Construction Engineering & Contingencies, 10% of Line 15				49	24	11	37	12	23				60	6
17. Total Cost of Construction, Lines 15 & 16				374	182	87	284	91	178				461	44
18. Total Estimate Cost, line 1, 2 & 17				374	188	87	284	91	178				461	44

COINCIDENT MILEAGE - SEE ROUTE 15



TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 90  
Sheet 7 of 12 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	C3.1.2 C4.2	C4.2 C5.1	C5.1 C5.2	C5.2 C6	C6 C6.1	C6.1 C7.1	C7.1 C7.2	C7.2 C8.1	C8.1 C8.2	C8.2 C9	C9 C10	C10 C11	C11 C11.1	C11.1 C12.1
	23	23	23	23	23	23	23	23	22	22	22	23	23	23
Section Length, miles (0.1)	10.7	9.5	8.4	0.8	0.9	0.8	3.0	1.1	4.2	3.1	5.1	3.4	2.3	0.9
Class: Rural or Urban (R or U)	R	R	R	R	U*	U*	R	R	R	R	R	R	R	U*
Urban Area identification (name and code)					358#	358#								362#
Location: Existing, new or toll (E, N or T)	N	N	N	N	N	N	N	N	E	E	E	N	N	N
Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	0	0	0	4	4	4	4	0	0	4	4	4	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement Dec. 31, 1972 (PR-511)	1a(1)f	1a(1)f	1a(1)f	1a(3)f	1a(3)f	1a(3)f	1a(3)f	1a(1)f	1a(1)f	4a(1)	4a(1)	4a(1)	1a(1)f	1a(1)f
WORK CLASSIFICATION														
1. Preliminary Engineering				3	3	3	10	4	14	20	30			
2. Right -of-Way														
a. Right -of-Way and acquisition											251	207		
b. Relocation payments and services														
3. Clear & grub														
4. Utility adjustments											288	177		
5. Grade & drain; minor structures				57	64	57	212			1348	1242	831	2	1
6. Subbase; base; surfacing; shoulders				313	350	311	1167			723	1097	731		
7. R.R. grade separations														
8. Highway grade separations without ramps											388	229		
9. Interchanges						4		22		364	340			
10. Other bridges; tunnels														
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices				17	20	17	65			90	101	67	3	1
b. Motorist service signs											0			
c. Safety improvements on completed sections	339	301	266					35	133					
13. Roadside improvement														
a. Erosion Control						4				7	100	66	1	0
b. Landscape Planting			96			102				2				
c. Safety rest areas										310		294		
d. Scenic overlooks												40		
14. All other items				12	13	12	43			72				
15. Subtotal, lines 3 to 14	339	301	362	399	447	507	1487	57	133	2916	3561	2435	6	2
16. Construction Engineering & Contingencies, 10% of Line 15	51	45	54	60	67	76	223	9	20	437	534	365	1	0
17. Total Cost of Construction, Lines 15 & 16	390	346	416	459	514	583	1710	66	153	3353	4095	2800	7	2
18. Total Estimate Cost, line 1, 2 & 17	390	346	416	462	517	586	1720	70	167	3373	4376	3007	7	2

# Bozeman 358

# Livingston 362

\* Section is comparable to a corresponding section in the 1972 Estimate.

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 90  
Sheet 8 of 12 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	C12.1 C13	C13 C14	C14 C15.1	C15.1 C15.2	C15.2 C15.3	C15.3 D1	D1 D2	D2 D3.1	D3.1 D3.2	D3.2 D4.1	D4.1 D4.2	D4.2 D5.1	D5.1 D5.2	D5.2 D5.3
	23 0.9	23 3.5	22 3.4	22 9.1	20 3.3	22 0.6	22 13.1	23 4.0	23 6.0	23 3.2	23 9.8	23 1.0	20 0.3	23 1.8
Section Length, miles (0.1)	F	F	F	F	F	F	F	F	F	F	F	F	F	F
Class: Rural or Urban (R or U)														
Urban Area Identification (name and code)														
Location: Existing, new or toll (E, N or T)	N	N	F	F	F	F	F	N	N	N	N	N	N	N
Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	0	0	0	2	0	4	4	4	4	4	0	0	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement Dec. 31, 1972 (PR-511)	1a(1)f	1a(1)f	1a(1)f	2a(2)f	1a(1)f	2b(2)n	2b(2)n	4a(1)	4a(1)	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f
WORK CLASSIFICATION														
1. Preliminary Engineering						1	24	11	16	8				
2. Right -of-Way														
a. Right -of-Way and acquisition				114		3	427	308	111					
b. Relocation payments and services							9	20						
3. Clear & grub							1	1						
4. Utility adjustments				198		3	367	5	5					
5. Grade & drain; minor structures	1	2	2	1043		110	2408	869	1304	695	258	24		
6. Subbase; base; surfacing; shoulders				98		85	1845	495	742	396	8			
7. R.R. grade separations														
8. Highway grade separations without ramps				235			66	1057						
9. Interchanges				369			612	549	331	28				
10. Other bridges; tunnels				83				742	354	247				
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices	1	4	4	130		6	142	58	86	46	1			
b. Motorist service signs				0			1	2	2	1				
c. Safety improvements on completed sections														57
13. Roadside improvement														
a. Erosion Control	0	2	2			15	337	145	217	116				
b. Landscape Planting							4	2						
c. Safety rest areas							349							
d. Scenic overlooks														
14. All other items				184		7	159	50	73	39				
15. Subtotal, lines 3 to 14	2	8	8	2340		226	6291	3975	3114	1568	267	24		57
16. Construction Engineering & Contingencies, 10% of Line 15	0	1	1	351		34	944	596	467	235	40	4		9
17. Total Cost of Construction, Lines 15 & 16	2	9	9	2691		260	7235	4571	3581	1803	307	28		66
18. Total Estimate Cost, line 1, 2 & 17	2	9	9	2805		264	7695	4910	3708	1811	307	28		66

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 90  
Sheet 9 of 12 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	D5.3 D6	D6 D7.1	D7.1 D7.2	D7.2 D8	D8 D8.1	D8.1 D9	D9 D9.1	D9.1 D10.1	D10.1 D10.2	D10.2 D11	D11 D12	D12 D13.1	D13.1 D13.2	D13.2 D13.3
	22	23	20	23	20	20	20	20	20	23	23	23	23	22
Section Length, miles (0.1)	3.0	3.0	1.5	8.2	1.3	4.2	3.1	6.1	3.1	3.1	4.9	3.9	1.4	5.2
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Urban Area Identification (name and code)														
Location: Existing, new or toll (E, N or T)	F	N	F	N	N	N	N	N	N	N	N	N	N	E
Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	2	2	0	0	0	0	0	0	0	0	0	0	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement Dec. 31, 1972 (PR-511)	2a(2)f	2a(2)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f
WORK CLASSIFICATION														
1. Preliminary Engineering														
2. Right -of-Way														
a. Right -of-Way and acquisition				10										
b. Relocation payments and services														
3. Clear & grub														
4. Utility adjustments														
5. Grade & drain; minor structures	406	406												178
6. Subbase; base; surfacing; shoulders	301	301												115
7. R.R. grade separations		212												
8. Highway grade separations without ramps		38												
9. Interchanges	3	94										97		
10. Other bridges; tunnels		595												
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices	104	104												2
b. Motorist service signs														
c. Safety improvements on completed sections										98	155	124	44	165
13. Roadside improvement														
a. Erosion Control	37	37												
b. Landscape Planting		2												
c. Safety rest areas														
d. Scenic overlooks				40										
14. All other items	32	32												
15. Subtotal, lines 3 to 14	883	1821		40						98	155	221	44	460
16. Construction Engineering & Contingencies, 10% of Line 15	132	273		6						15	23	33	7	69
17. Total Cost of Construction, Lines 15 & 16	1015	2094		46						113	178	254	51	529
18. Total Estimate Cost, line 1, 2 & 17	1015	2094		56						113	178	254	51	529

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 90  
Sheet 10 of 12 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	D13.3 D14.0.1	D14.0.1 D14.0.2	D14.0.2 D14.0.3	D14.0.3 D15.1	D15.1 D15.2	D15.2 D15.3	D15.3 D16-M1	M1 M2	M2 M3	M3 M4	M4 M5	M5 M6	M6 M7	M7 M8.0.1
	22	23	23	23	23	23	23	23	20	20	20	20	20	20
Section Length, miles (0.1)	0.9	1.2	3.0	2.4	1.2	2.0	1.0	6.6	5.5	2.5	2.3	4.3	8.6	6.2
Class: Rural or Urban (R or U)	U*	U*	U*	U*	U*	U*	R	R	R	R	R	R	R	R
Urban Area Identification (name and code)	356#	356#	356#	356#	356#	356#								
Location: Existing, new or toll (E, N or T)	E	N	N	N	N	N	N	N	N	N	N	N	N	N
Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement Dec. 31, 1972 (PR-511)	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f
WORK CLASSIFICATION														
1. Preliminary Engineering														
2. Right -of-Way														
a. Right -of-Way and acquisition														
b. Relocation payments and services														
3. Clear & grub														
4. Utility adjustments														
5. Grade & drain; minor structures	31													
6. Subbase; base; surfacing; shoulders	20													
7. R.R. grade separations														
8. Highway grade separations without ramps														
9. Interchanges														
10. Other bridges; tunnels														
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices														
b. Motorist service signs														
c. Safety improvements on completed sections	29	38	95	76	38	63	32	22						
13. Roadside improvement														
a. Erosion Control														
b. Landscape Planting														
c. Safety rest areas														
d. Scenic overlooks														
14. All other items														
15. Subtotal, lines 3 to 14	80	38	95	76	38	63	32	22						
16. Construction Engineering & Contingencies, 10% of Line 15	12	6	14	11	6	9	5	3						
17. Total Cost of Construction, Lines 15 & 16	92	44	109	87	44	72	37	25						
18. Total Estimate Cost, line 1, 2 & 17	92	44	109	87	44	72	37	25						

# Billings

\* Section is comparable to a corresponding section in the 1972 Estimate.

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 90  
Sheet 11 of 12 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	M8.0.1 M9	M9 M10	M10 M11	M11 M12	M12 M13	M13 M14	M14 M15	M15 M15.1	M15.1 M16	M16 M17	M17 M18	M18 M19	M19 M20	M20 M21
	23	20	20	20	22	22	22	22	23	23	23	23	23	23
Section Length, miles (0.1)	8.0	2.4	0.7	5.1	0.9	1.7	0.8	4.6	2.0	10.4	1.4	12.7	5.6	4.6
Class: Rural or Urban (R or U)	F	F	F	F	F	F	F	F	F	F	F	F	F	F
Urban Area identification (name and code)														
Location: Existing, new or toll (E, N or T)	N	F	F	E	F	F	F	E	N	N	N	N	N	N
Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	0	0	0	0	0	0	2	2	4	4	4	4	4	4
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement Dec. 31, 1972 (PR-511)	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	2a(2)f	2a(2)p	4a(3)	4a(3)	4a(3)	4a(3)	4a(3)	4a(3)
WORK CLASSIFICATION														
1. Preliminary Engineering	3						4	25	9	46	6			
2. Right -of-Way														
a. Right -of-Way and acquisition										272	199	181	111	87
b. Relocation payments and services										1				
3. Clear & grub														
4. Utility adjustments										6	1	6	4	4
5. Grade & drain; minor structures							135	779	578	3004	404	2435	1544	1269
6. Subbase; base; surfacing; shoulders					25	48	159	915	520	2707	364	2475	1241	1019
7. R.R. grade separations														
8. Highway grade separations without ramps									237	241		368		
9. Interchanges							12	287			528	5	279	313
10. Other bridges; tunnels							308		279			171		
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices							14	82	53	276	37	152	76	74
b. Motorist service signs								2			2			2
c. Safety improvements on completed sections	105													
13. Roadside improvement														
a. Erosion Control							11	61	60	312	42	112	169	139
b. Landscape Planting								2			2		2	2
c. Safety rest areas										240				249
d. Scenic overlooks														
14. All other items							9	53	41	211	28	189	103	85
15. Subtotal, lines 3 to 14	105				25	48	648	2182	1768	7097	1408	5913	3418	3156
16. Construction Engineering & Contingencies, 10% of Line 15	16				4	7	97	327	265	1065	211	887	513	473
17. Total Cost of Construction, Lines 15 & 16	121				29	55	745	2509	2033	8162	1619	6800	3931	3629
18. Total Estimate Cost, line 1, 2 & 17	124				29	55	749	2531	2042	8481	1824	6981	4042	3716

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 90  
Sheet 12 of 12 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE										Subtotal		
											Rural	Urban	Total for Rte.
Section Length, miles (0.1)											528.4	15.3	543.7
Class: Rural or Urban (R or U)													
Urban Area Identification (name and code)													
Location: Existing, new or toll (E, N or T)													
Mileage increment: Code 1, 2, or 3													
No. Lanes to be constructed this estimate													
No. through traffic lanes													
Status of improvement Dec. 31, 1972 (PR-511)													
WORK CLASSIFICATION													
1. Preliminary Engineering											709	6	715
2. Right -of-Way													
a. Right -of-Way and acquisition											3175		3175
b. Relocation payments and services											287		287
3. Clear & grub											589		589
4. Utility adjustments											1749		1749
5. Grade & drain; minor structures											37299	153	37452
6. Subbase; base; surfacing; shoulders											38605	681	39286
7. R.R. grade separations											6010		6010
8. Highway grade separations without ramps											4497		4497
9. Interchanges											8791	9	8800
10. Other bridges; tunnels											24681		24681
11. Walls											705		705
12. Traffic control and safety improvements													
a. Guardrail; fencing; lighting; traffic control devices											3846	38	3884
b. Motorist service signs											36		36
c. Safety improvements on completed sections											3999	339	4338
13. Roadside improvement													
a. Erosion Control											2934	4	2938
b. Landscape Planting											161	102	263
c. Safety rest areas											2650		2650
d. Scenic overlooks											109		109
14. All other items											3027	25	3052
15. Subtotal, lines 3 to 14											139688	1351	141039
16. Construction Engineering & Contingencies, 10% of Line 15											20954	202	21156
17. Total Cost of Construction, Lines 15 & 16											160642	1553	162195
18. Total Estimate Cost, line 1, 2 & 17											164813	1559	166372

Signature: [Signature] Director of Highways July 16, 1973  
State: \_\_\_\_\_ Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

[Signature] Division Engineer July 16, 1973  
FHWA: \_\_\_\_\_ Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_



TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES AND SAFETY REST AREAS  
BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE Montana

INTERSTATE ROUTE NO. 90  
Sheet 1 of 12 Sheets

[illegible]

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES AND SAFETY REST AREAS  
BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE Montana

INTERSTATE ROUTE NO. 90  
Sheet 2 of 12 Sheets

[illegible]

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES AND SAFETY REST AREAS  
BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE Montana

INTERSTATE ROUTE NO. 90  
Sheet 3 of 12 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	A16 A17	A17 A18	A18 A19	A19 A22.1	A22.1 A22.2	A22.2 A23.0.1	A23.0.1 A23.0.2	A23.0.2 A24.1	A24.1 A24.2	A24.2 A24.3	A24.3 A25	A25 A25.1	A25.1 A25.2	A25.2 A26
	23	22	22	22	20	20	22	20	20	20	20	20	20	23
Section length, miles (0.1)	2.2	0.9	1.1	2.6	2.1	2.6	2.2	3.3	2.0	5.8	1.5	0.5	0.3	1.5
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	U*	R	U*
Urban Area identification (name and code)												363#		363#
Location: Existing, new or toll (E, N or T)	N	E	F	E	N	E	E	E	N	N	N	N	N	N
Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	2	2	2	0	0	0	0	0	0	0	0	0	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement, Dec. 31, 1972 (PR-511)	2a(2)f	2a(2)f	2a(2)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f
ESTIMATED COSTS (\$1,000) AND NUMBER OF UNITS														
Item No. From Table C	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units
7. R.R. grade separations - Total cost														
a. No. to be constructed														
Cost														
b. No. in service or authorized										1				
Cost														
8. Highway grade separations without ramps-Total Cost														
a. No. to be constructed		1												
Cost		42												
b. No. in service or authorized						1		1		1	1			
Cost														
9. Interchanges - Total Cost														
a. No. to be constructed	1		1				1							1
Cost	198		2				22							5
b. No. in service or authorized				1	1		1			2				2
Cost														
10. Other bridges and tunnels - Total cost														
a. No. to be constructed			1											
Cost			1125											
b. No. in service or authorized				1										1
Cost														
ESTIMATED COSTS (\$1,000) AND NUMBER OF SAFETY REST AREAS														
13c. Safety rest areas - Total cost														
a. No. to be constructed														
Cost														
b. No. in service or authorized														
Cost														

# Missoula  
\* Section is comparable to a corresponding section in the 1972 Estimate.

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES AND SAFETY REST AREAS  
BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE Montana

INTERSTATE ROUTE NO. 90  
Sheet 4 of 12 Sheets

[illegible]

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES AND SAFETY REST AREAS  
BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE Montana

INTERSTATE ROUTE NO. 90  
Sheet 5 of 12 Sheets

[illegible]

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES AND SAFETY REST AREAS  
BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE Montana

INTERSTATE ROUTE NO. 90  
Sheet 6 of 12 Sheets

[illegible]

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES AND SAFETY REST AREAS  
BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE Montana

INTERSTATE ROUTE NO. 90  
Sheet 7 of 12 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	C3.1.2 C4.2	C4.2 C5.1	C5.1 C5.2	C5.2 C6	C6 C6.1	C6.1 C7.1	C7.1 C7.2	C7.2 C8.1	C8.1 C8.2	C8.2 C9	C9 C10	C10 C11	C11 C11.1	C11.1 C12.1
	23	23	23	23	23	23	23	23	22	22	22	23	23	23
Section length, miles (0.1)	10.7	9.5	8.4	0.8	0.9	0.8	3.0	1.1	4.2	3.1	5.1	3.4	2.3	0.9
Class: Rural or Urban (R or U)	R	R	R	R	U*	U*	R	R	R	R	R	R	R	U*
Urban Area identification (name and code)					358#	358#								362#
Location: Existing, new or toll (E, N or T)	N	N	N	N	N	N	N	N	E	E	E	N	N	N
Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	0	0	0	4	4	4	4	0	0	4	4	4	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement, Dec. 31, 1972 (PR-511)	1a(1)f	1a(1)f	1a(1)f	1a(3)f	1a(3)f	1a(3)f	1a(3)f	1a(1)f	1a(1)f	4a(1)	4a(1)	4a(1)	1a(1)f	1a(1)f
ESTIMATED COSTS (\$1,000) AND NUMBER OF UNITS														
Item No. From Table C	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units
7. R.R. grade separations - Total cost														
a. No. to be constructed														
Cost														
b. No. in service or authorized	2			2	1	1		1						
Cost														
8. Highway grade separations without ramps-Total Cost														
a. No. to be constructed											1	1		
Cost											388	229		
b. No. in service or authorized	1	2	1	1			1							
Cost														
9. Interchanges - Total Cost														
a. No. to be constructed						1		1		1	1			
Cost						4		22		364	340			
b. No. in service or authorized	3	1	1			1		1	1				1	1
Cost														
10. Other bridges and tunnels - Total cost														
a. No. to be constructed														
Cost														
b. No. in service or authorized	3	3												
Cost														
ESTIMATED COSTS (\$1,000) AND NUMBER OF SAFETY REST AREAS														
13c. Safety rest areas - Total cost														
a. No. to be constructed										1		1		
Cost										310		294		
b. No. in service or authorized														
Cost														

# Bozeman 358  
# Livingston 362  
\* Section is comparable to a corresponding section in the 1972 Estimate.



TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES AND SAFETY REST AREAS  
BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE Montana

INTERSTATE ROUTE NO. 90  
Sheet 8 of 12 Sheets

[illegible]

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES AND SAFETY REST AREAS  
BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE Montana

INTERSTATE ROUTE NO. 90  
Sheet 9 of 12 Sheets

[illegible]

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES AND SAFETY REST AREAS  
BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE Montana

INTERSTATE ROUTE NO. 90  
Sheet 10 of 12 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	D13.3 D14.0.1	D14.0.1 D14.0.2	D14.0.2 D14.0.3	D14.0.3 D15.1	D15.1 D15.2	D15.2 D15.3	D15.3 D16-M1	M1 M2	M2 M3	M3 M4	M4 M5	M5 M6	M6 M7	M7 M8.0.1
	22	23	23	23	23	23	23	23	20	20	20	20	20	20
Section length, miles (0.1)	0.9	1.2	3.0	2.4	1.2	2.0	1.0	6.6	5.5	2.5	2.3	4.3	8.6	6.2
Class: Rural or Urban (R or U)	U*	U*	U*	U*	U*	U*	R	R	R	R	R	R	R	R
Urban Area identification (name and code)	356#	356#	356#	356#	356#	356#								
Location: Existing, new or toll (E, N or T)	E	N	N	N	N	N	N	N	N	N	N	N	N	N
Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement, Dec. 31, 1972 (PR-511)	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f
	ESTIMATED COSTS (\$1,000) AND NUMBER OF UNITS													
Item No. From Table C	WORK CLASSIFICATION	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units
7. R.R. grade separations - Total cost														
a. No. to be constructed														
Cost														
b. No. in service or authorized				1									1	
Cost														
8. Highway grade separations without ramps-Total Cost														
a. No. to be constructed														
Cost														
b. No. in service or authorized			2			1		1	1				1	1
Cost														
9. Interchanges - Total Cost														
a. No. to be constructed														
Cost														
b. No. in service or authorized		1		1	1		1	1		1			2	
Cost														
10. Other bridges and tunnels - Total cost														
a. No. to be constructed														
Cost														
b. No. in service or authorized	1				1			1						1
Cost														
	ESTIMATED COSTS (\$1,000) AND NUMBER OF SAFETY REST AREAS													
13c. Safety rest areas - Total cost														
a. No. to be constructed														
Cost														
b. No. in service or authorized												2		
Cost														

# Billings  
\* Section is comparable to a corresponding section in the 1972 Estimate.

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES AND SAFETY REST AREAS  
BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE Montana

INTERSTATE ROUTE NO. 90  
Sheet 11 of 12 Sheets

[illegible]

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES AND SAFETY REST AREAS  
BY ESTIMATE SECTIONS WITH ROUTE TOTALS

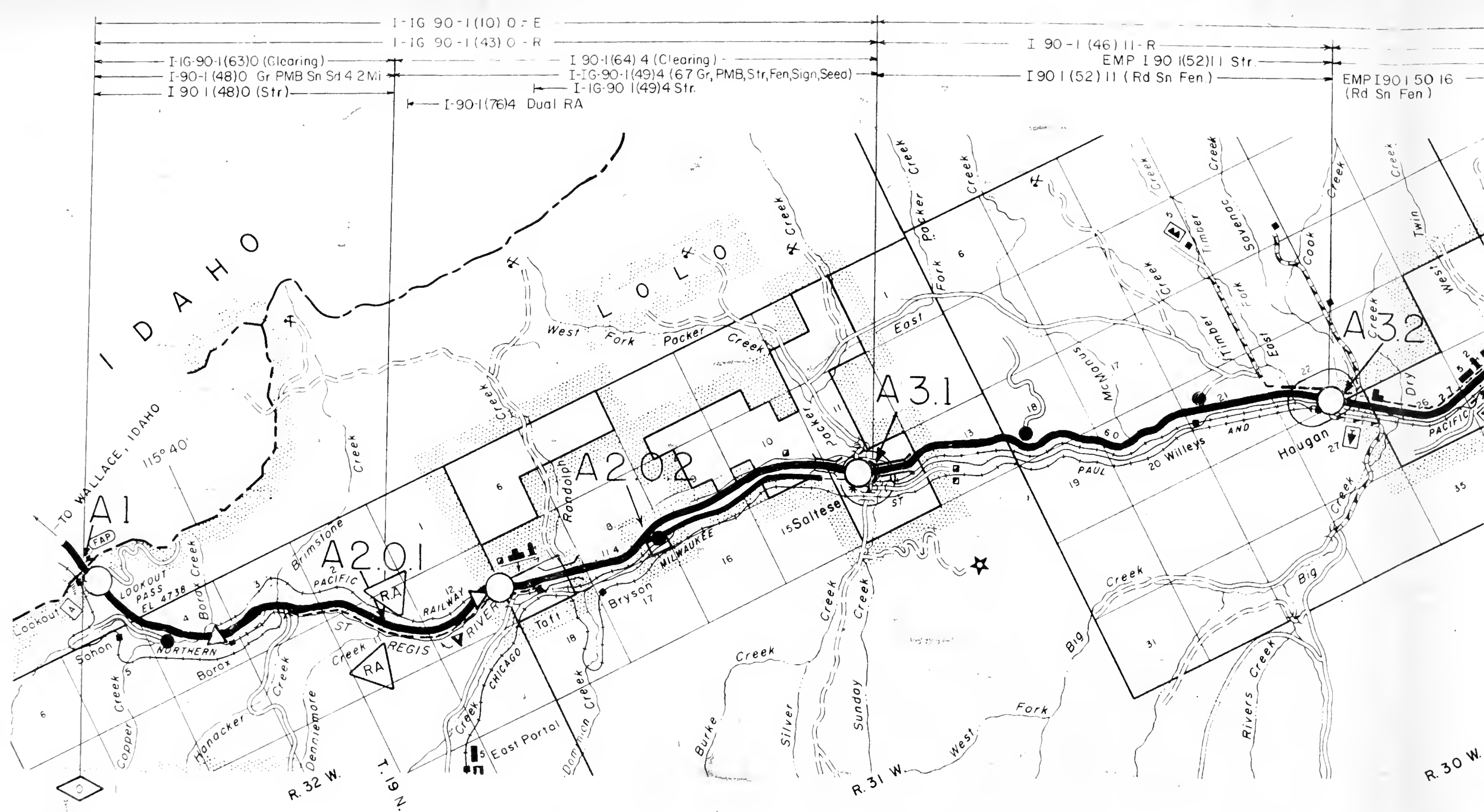
STATE Montana

INTERSTATE ROUTE NO. 90  
Sheet 12 of 12 Sheets

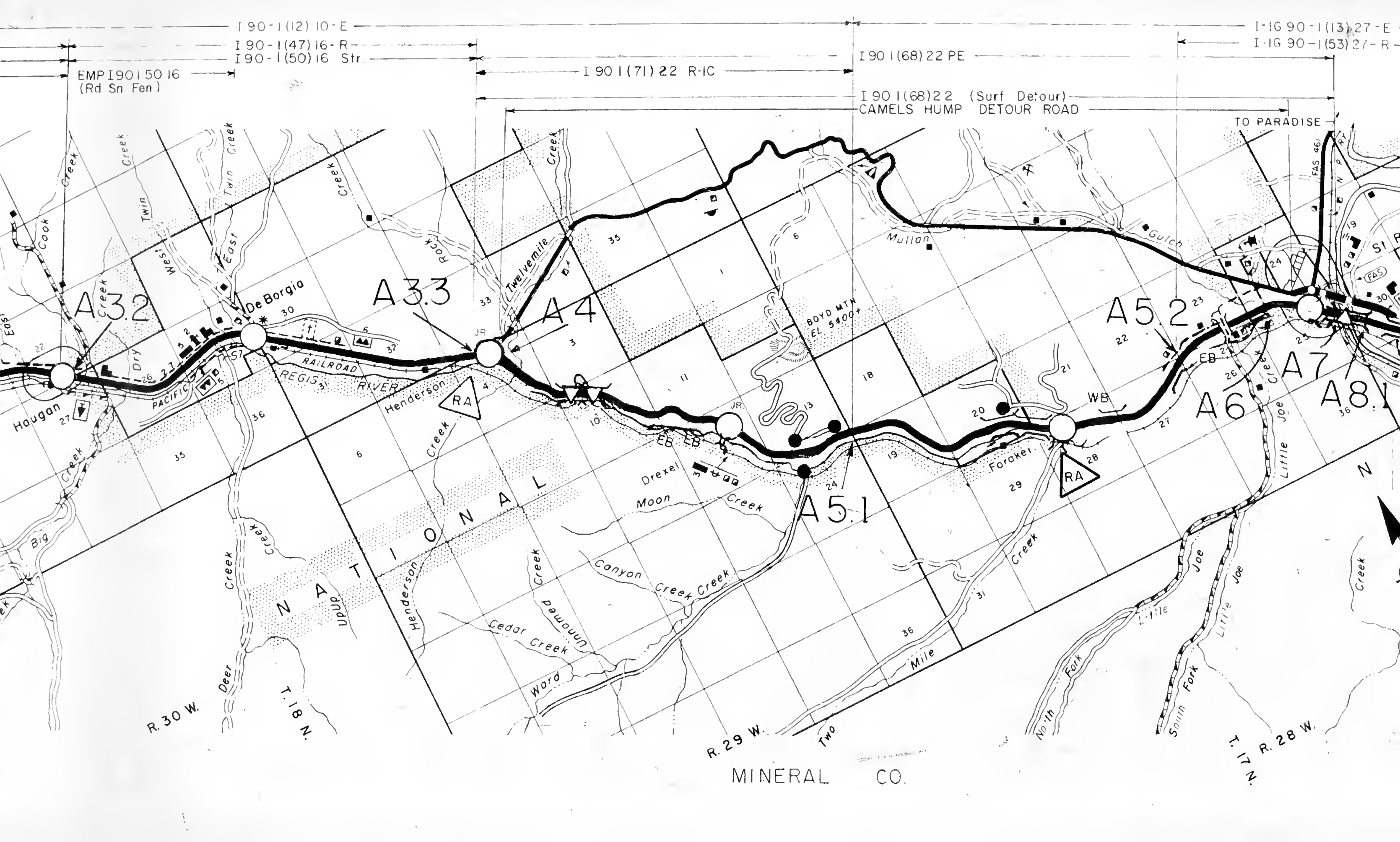
ITEM	ESTIMATE SECTION & FINANCE CODE											Subtotal		
												Rural	Urban	Total for Rte.
Section length, miles (0.1)												528.4	15.3	543.7
Class: Rural or Urban (R or U)														
Urban Area identification (name and code)														
Location: Existing, new or toll (E, N or T)														
Mileage increment: Code 1, 2, or 3														
No. Lanes to be constructed this estimate														
No. through traffic lanes														
Status of improvement, Dec. 31, 1972 (PR-511)														
ESTIMATED COSTS (\$1,000) AND NUMBER OF UNITS														
Item No. From Table C	WORK CLASSIFICATION	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units
7.	R.R. grade separations - Total cost													
a.	No. to be constructed											7		7
	Cost											6010		6010
b.	No. in service or authorized											22	3	25
	Cost													
8.	Highway grade separations without ramps-Total Cost													
a.	No. to be constructed											23		23
	Cost											4497		4497
b.	No. in service or authorized											59	3	62
	Cost													
9.	Interchanges - Total Cost													
a.	No. to be constructed											42	2	44
	Cost											8791	9	8800
b.	No. in service or authorized											68	7	75
	Cost													
10.	Other bridges and tunnels - Total cost													
a.	No. to be constructed											38		38
	Cost											24681		24681
b.	No. in service or authorized											40	3	43
	Cost													
ESTIMATED COSTS (\$1,000) AND NUMBER OF SAFETY REST AREAS														
13c.	Safety rest areas - Total cost													
a.	No. to be constructed											14		14
	Cost											2650		2650
b.	No. in service or authorized											18		18
	Cost													

Signature: [Signature] Director of Highways July 16, 1973  
State: \_\_\_\_\_ Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
FHWA: [Signature] Division Engineer July 16, 1973  
Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_









EMPI 901 50 16  
(Rd Sn Fen)

I 90-1(12) 10-E

I 90-1(47) 16-R

I 90-1(50) 16 Str.

I 90 1(71) 22 R-IC

I 90 1(68) 22 PE

I-IG 90-1(13) 27-E

I-IG 90-1(53) 27-R

I 90 1(68) 22 (Surf Detour)  
CAMELS HUMP DETOUR ROAD

TO PARADISE

A3.2

A3.3

A4

A5.2

A7

A8.1

A5.1

A6

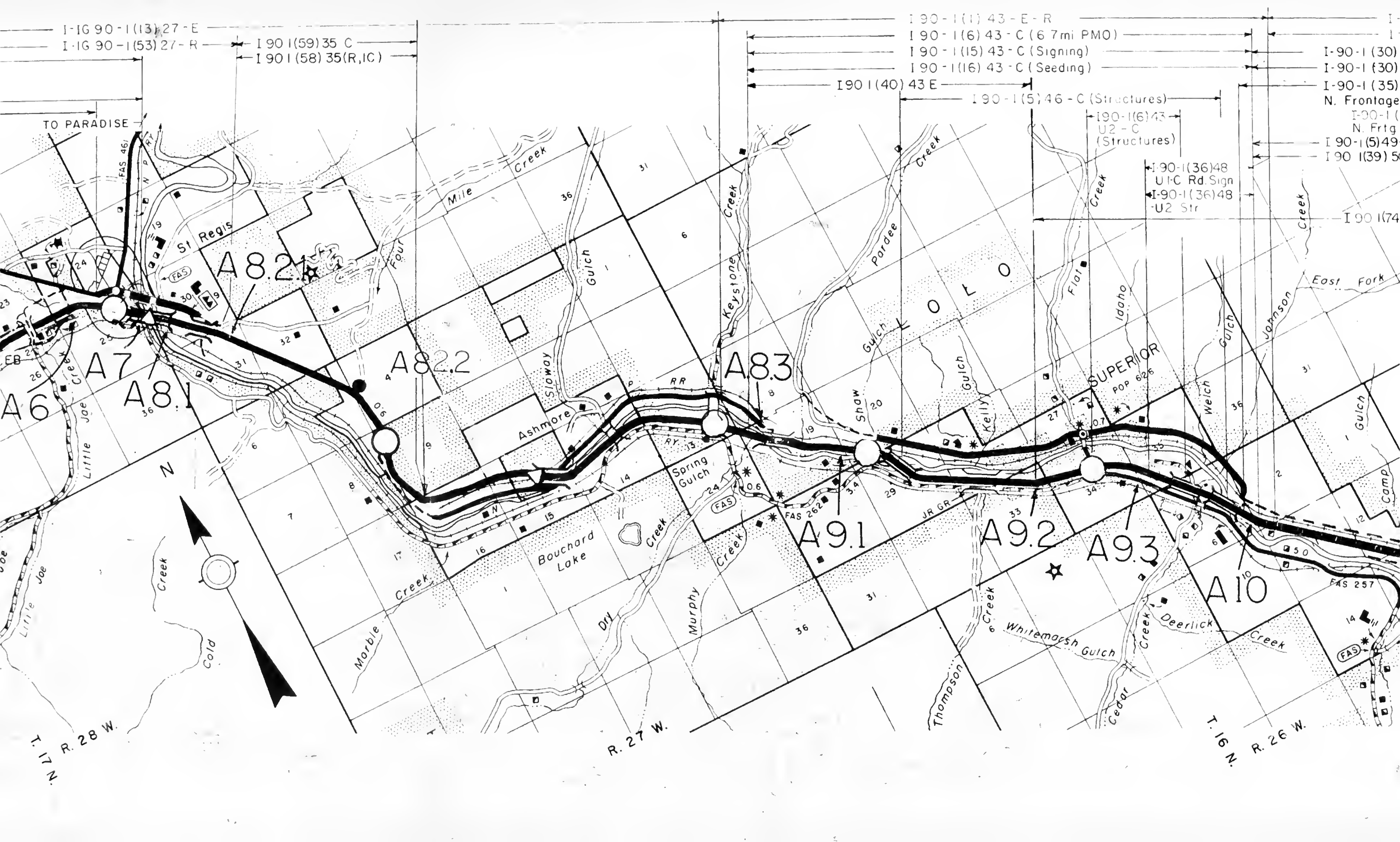
R. 30 W.

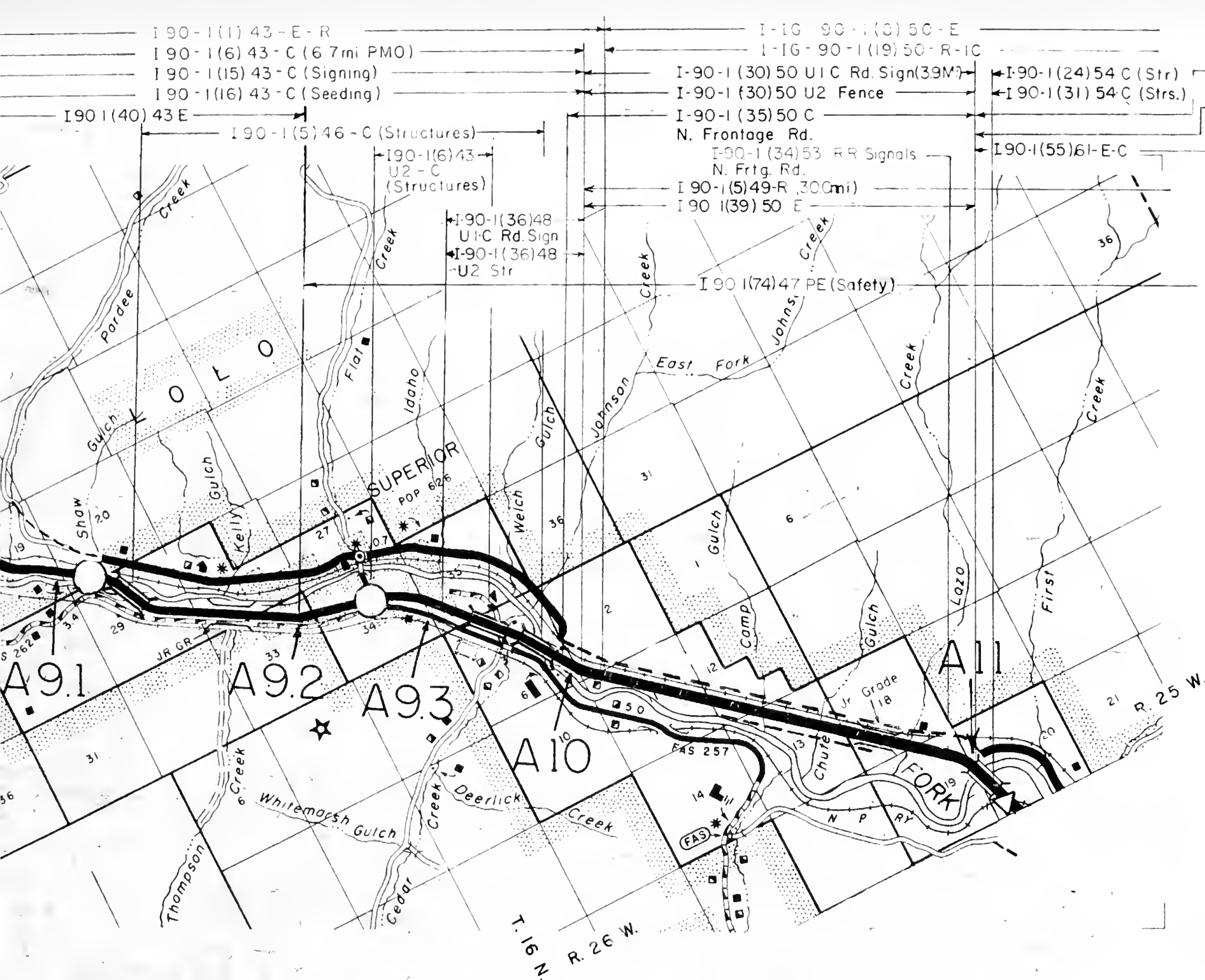
T. 18 N.

R. 29 W.

MINERAL CO.

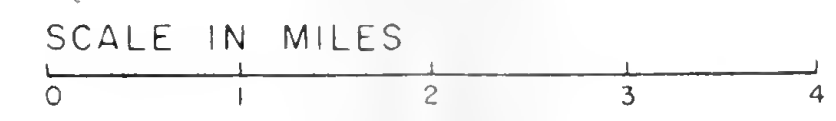
T. 17 N.  
R. 28 W.





# LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS



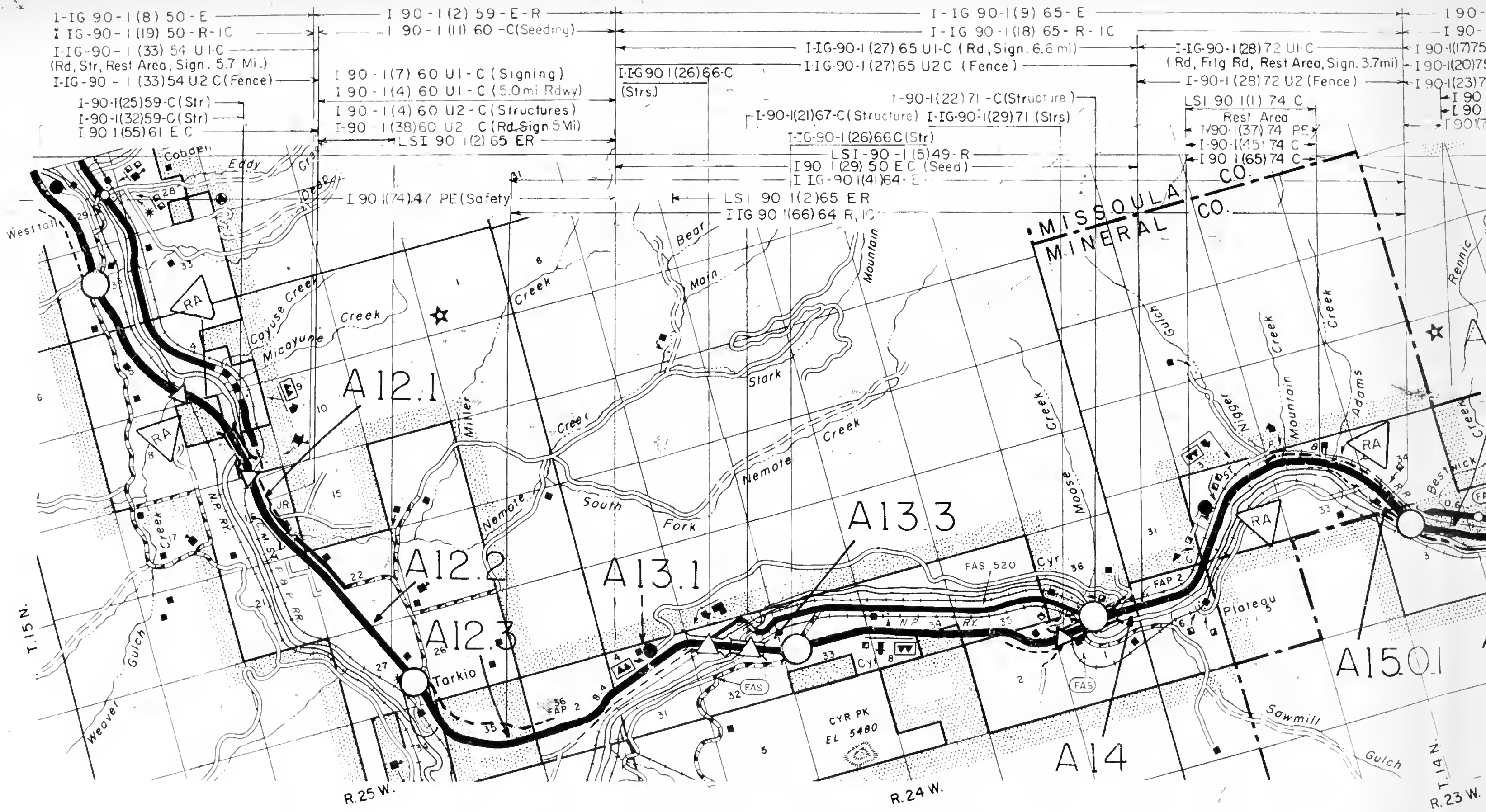
# MONTANA

## INTERSTATE ROUTE 90

Sheet 1 of 11

Date December 31, 1972

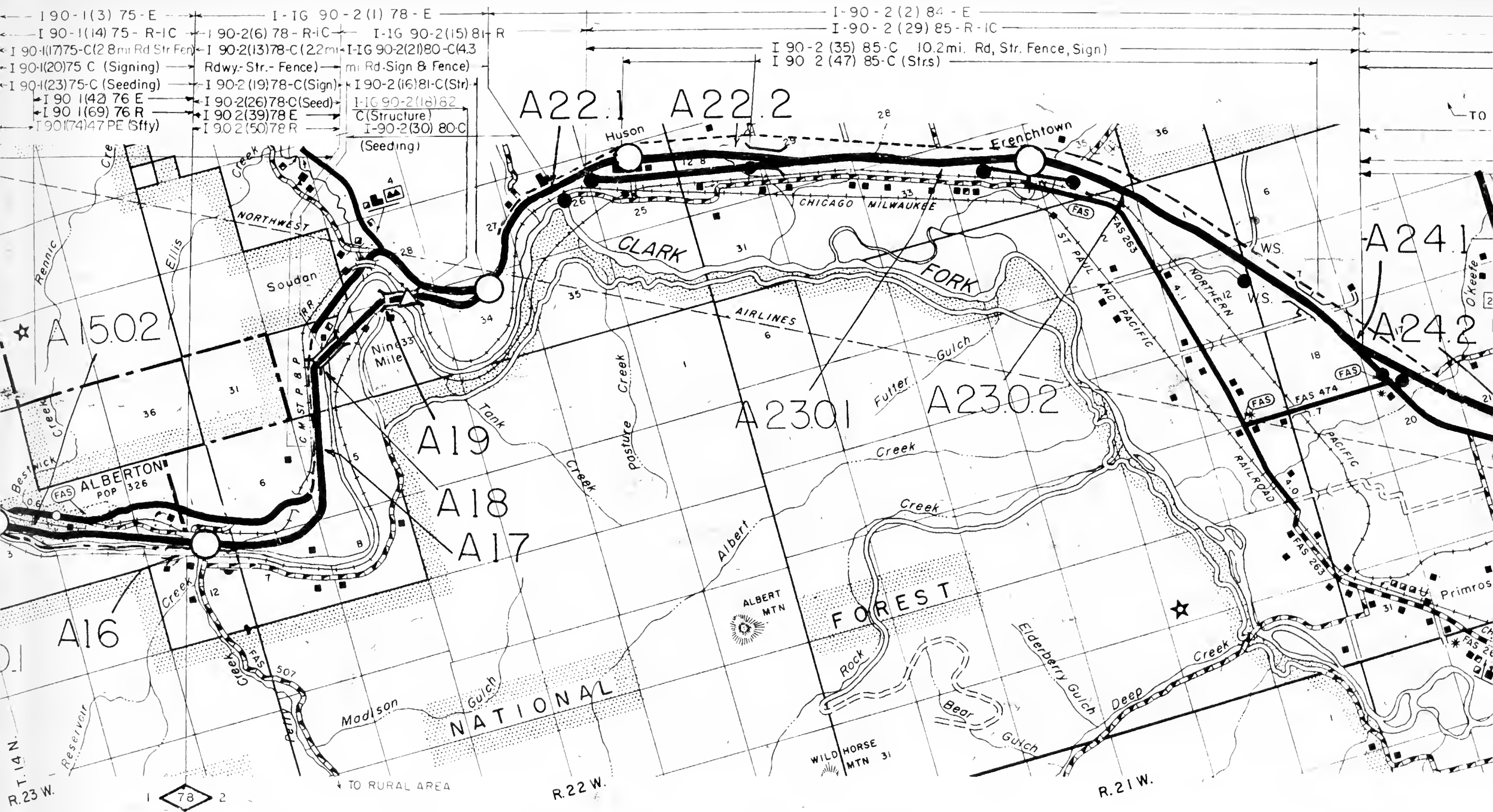


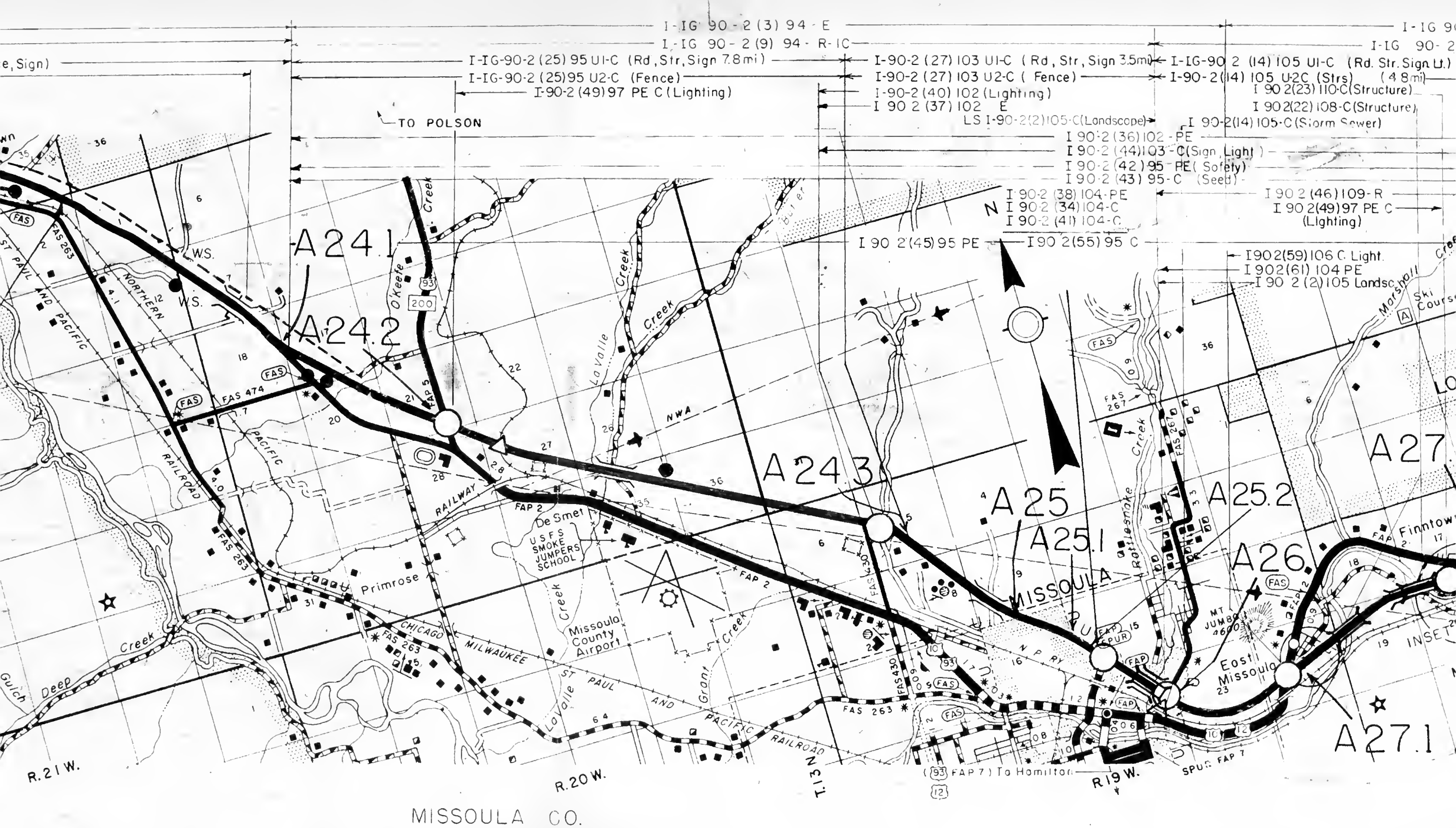


MINERAL CO.

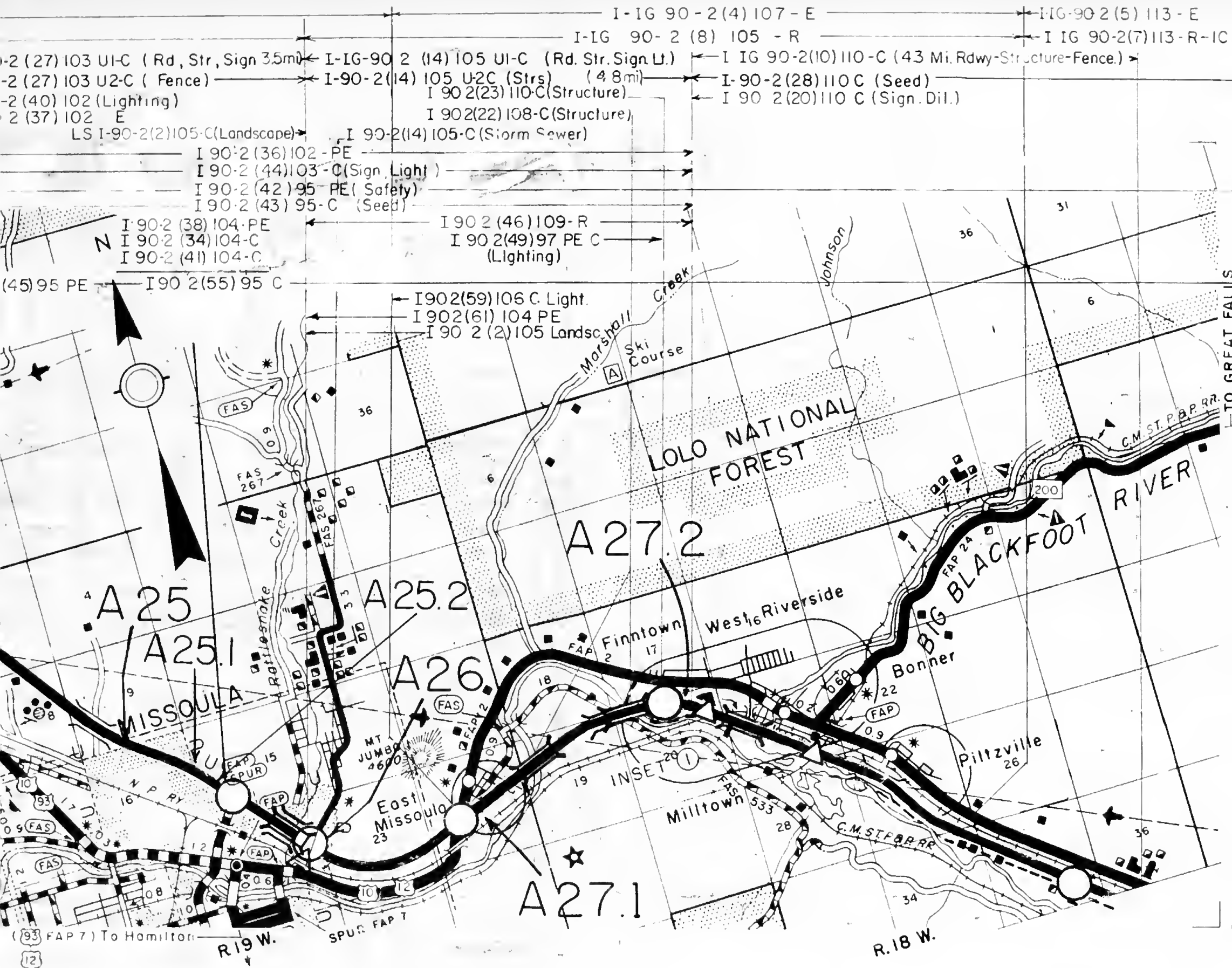
I 90-1(3) 75-E  
I 90-1(14) 75-R-IC  
I 90-1(17) 75-C(28mi Rd Str Fence)  
I 90-1(20) 75 C (Signing)  
I 90-1(23) 75-C (Seeding)  
I 90 1(42) 76 E  
I 90 1(69) 76 R  
I 90(74) 47 PE (Stty)  
I-IG 90-2(1) 78-E  
I 90-2(6) 78-R-IC  
I 90-2(13) 78-C(22mi Rd-Str-Fence)  
I 90-2(19) 78-C(Sign)  
I 90-2(26) 78-C(Seed)  
I 90-2(39) 78 E  
I 90-2(50) 78 R  
I-IG 90-2(15) 81-R  
I-IG 90-2(21) 80-C(4.3  
I 90-2(16) 81-C(Str)  
I-IG 90-2(18) 82  
C(Structure)  
I-90-2(30) 80C  
(Seeding)

I-90-2(2) 84-E  
I-90-2(29) 85-R-IC  
I 90-2(35) 85-C 10.2mi. Rd, Str. Fence, Sign)  
I 90 2(47) 85-C (Strs)





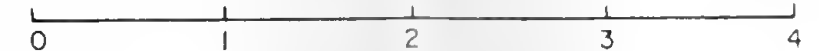




## LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

SCALE IN MILES



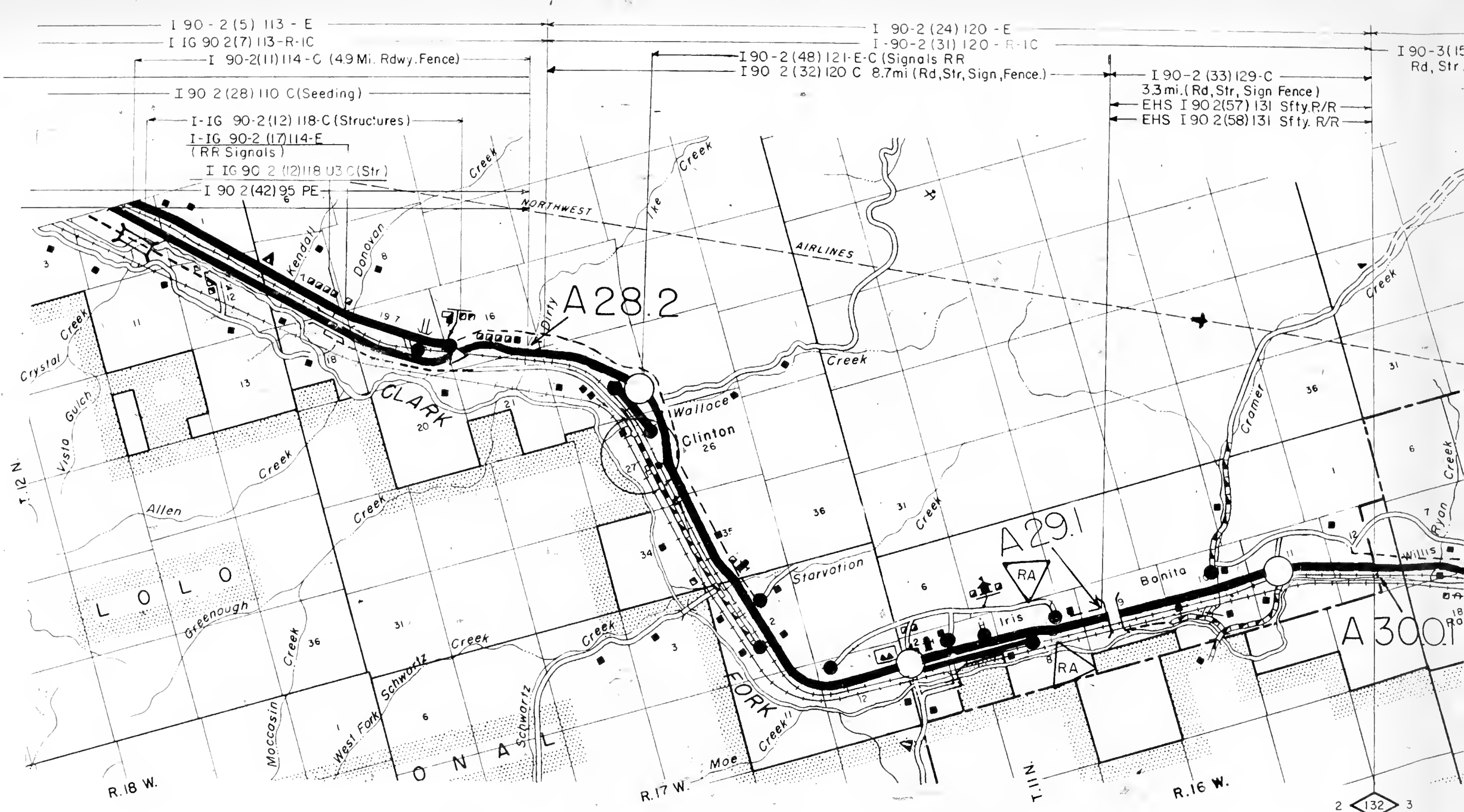
# MONTANA

## INTERSTATE ROUTE 90

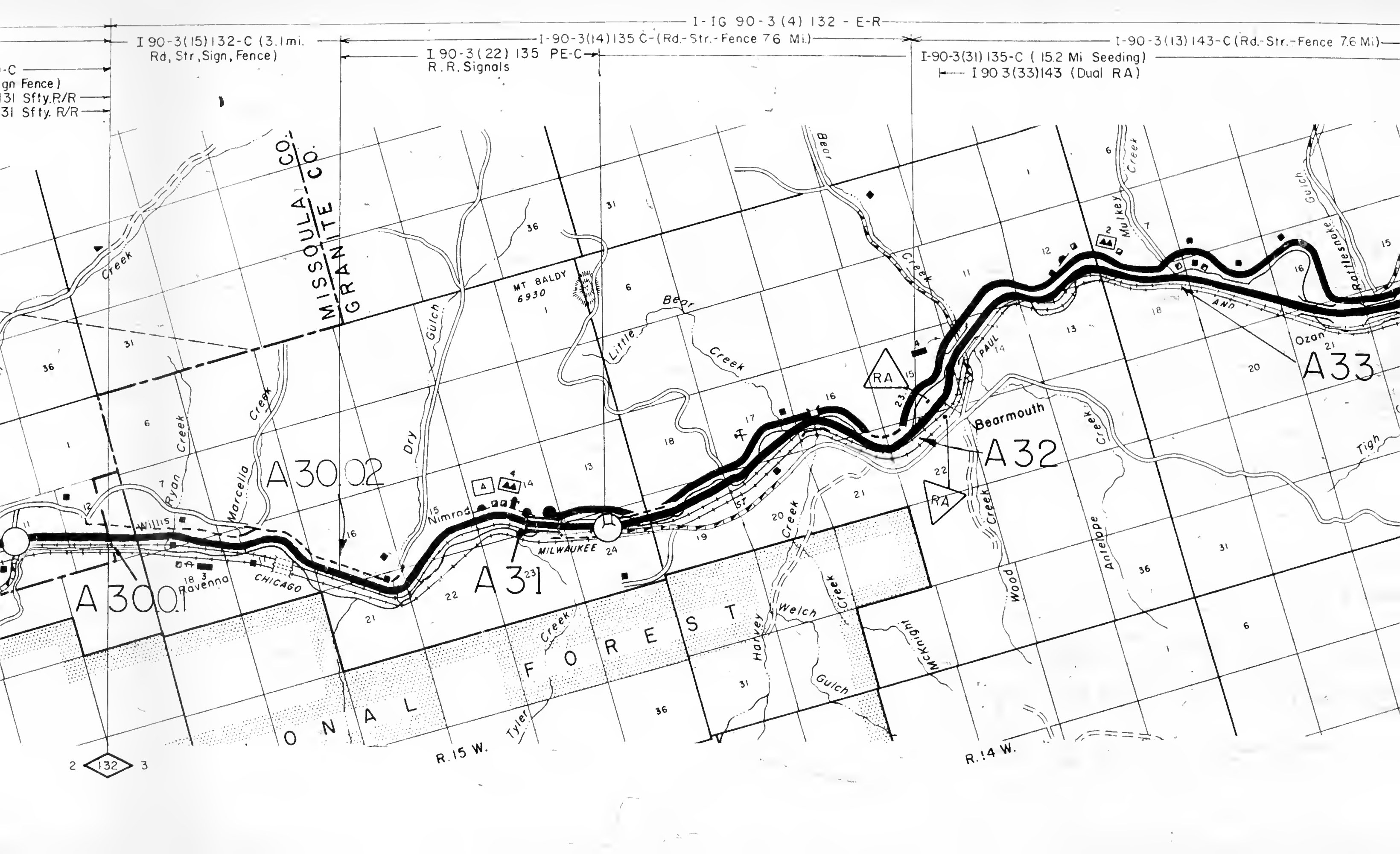
Sheet 2 of 11

Date December 31, 1972





MISSOULA CO.



—I 90 3 (28) 157 E C

- I-90-3 (12) 151 UI-C ( Rd. Sign. Weigh Sta. 67.m.)

-I-90-3 (12) 151 U2 C ( Fence)

-I-90-3 (12) 151 U3 C ( Str.)

- 1-90-3 (16) 151 - C (Grass) -

-I 90-3 (25) 153-C

TO MONTANA 20

I 90 - 3 (9) 157 - C (Seeding)

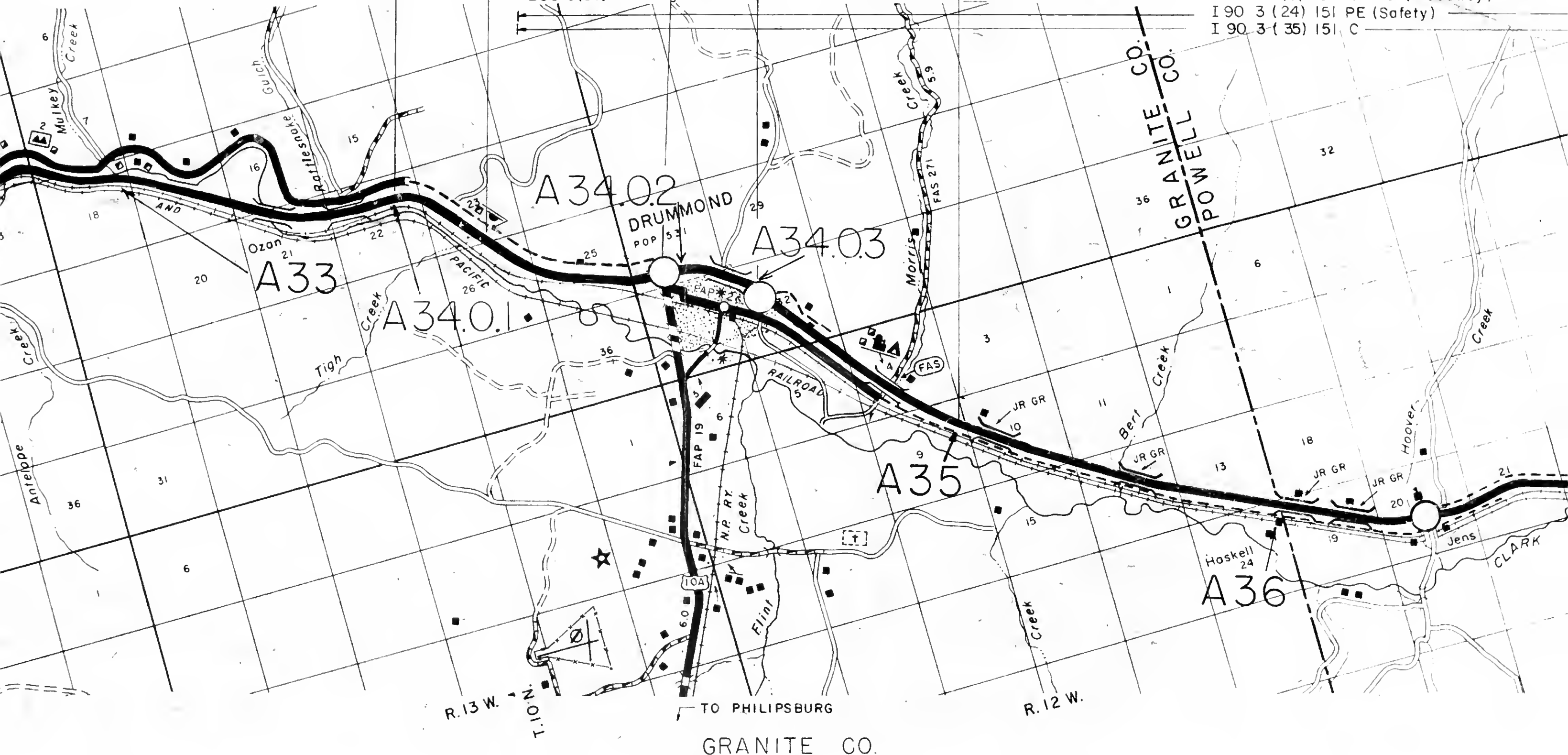
190-3 (5)-157 UI-C (Signing)

190-3 (3) 157 U2- C (Structures)

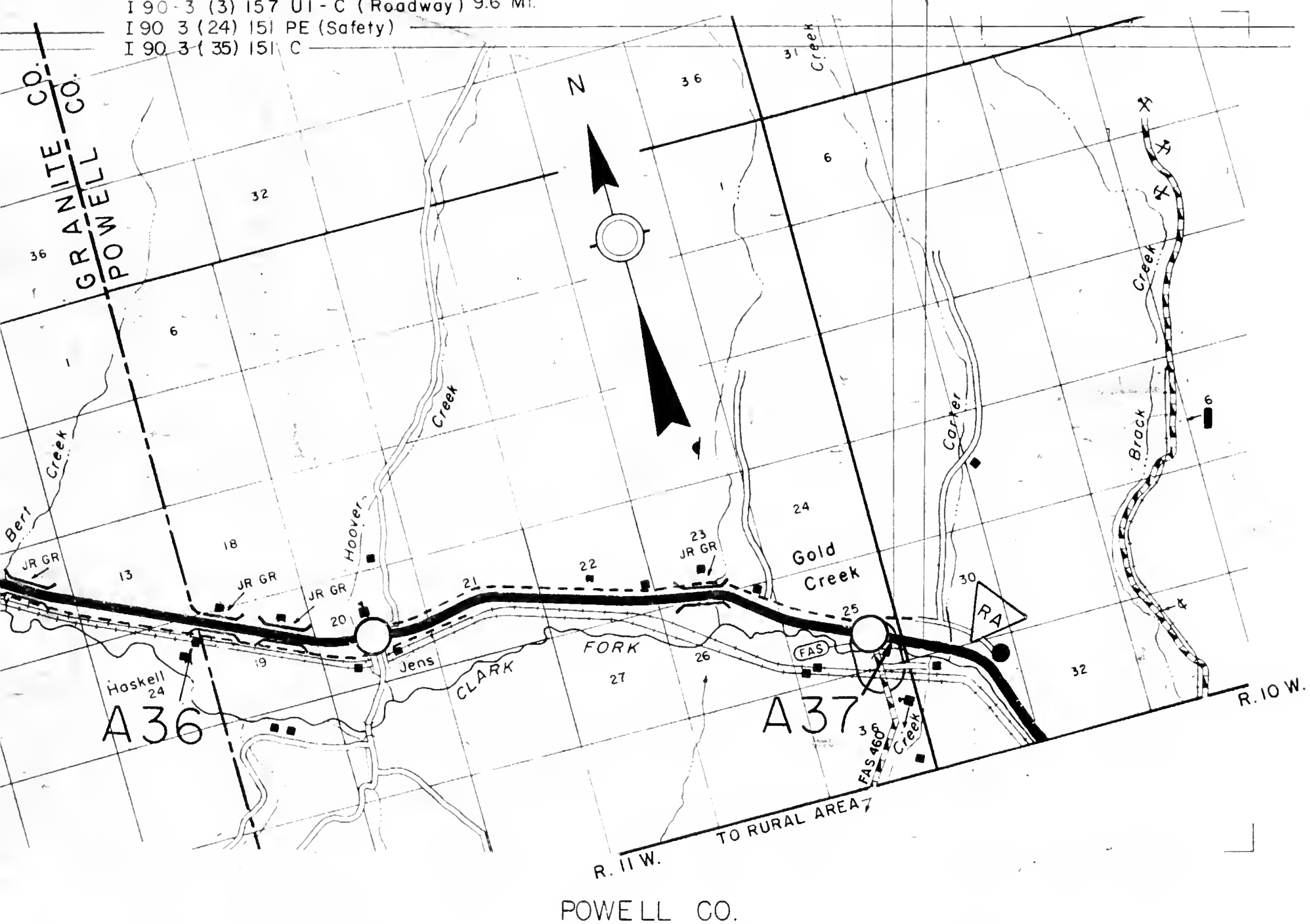
I 90-3 (3) 157 UI-C (Roadway) 9.6 Mi.

I 90 3 (24) 151 PE (Safety)

I 90-3-(35) 151 C -

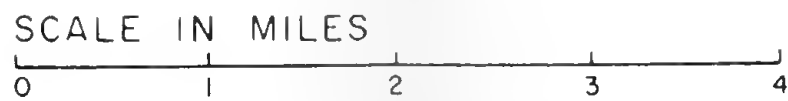


4) 151-E  
 ) 152-E-R  
 I 90 3 (28) 157 EC  
 I 90-3 (9) 157-C (Seeding)  
 I 90-3 (5) 157 UI-C (Signing)  
 I 90-3 (3) 157 U2-C (Structures)  
 I 90-3 (3) 157 UI-C (Roadway) 9.6 Mi.  
 I 90 3 (24) 151 PE (Safety)  
 I 90 3 (35) 151 C  
 I-IG 90-3 (7) 168-E  
 I-IG 90-3 (20) 166-R  
 I 90 3 (23) 166 C 6mi. Gr, PMB  
 Str, Fence, Sign, RA, Landscape



# LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS





I-1G-90-3(20)166-R

I-1G-90-3(7)168-E

I 1G 90 3(21)172 R

I 90-3(24)151 E

I 90-3(2)179 E-R-IC

I-90-3(8)180-C(8.6 Mi Rdwy, Structures)

I-90-3(10)180-C(Signing)

I-90-3(11)180-C(Seeding)

I-90-3(18)179-PE

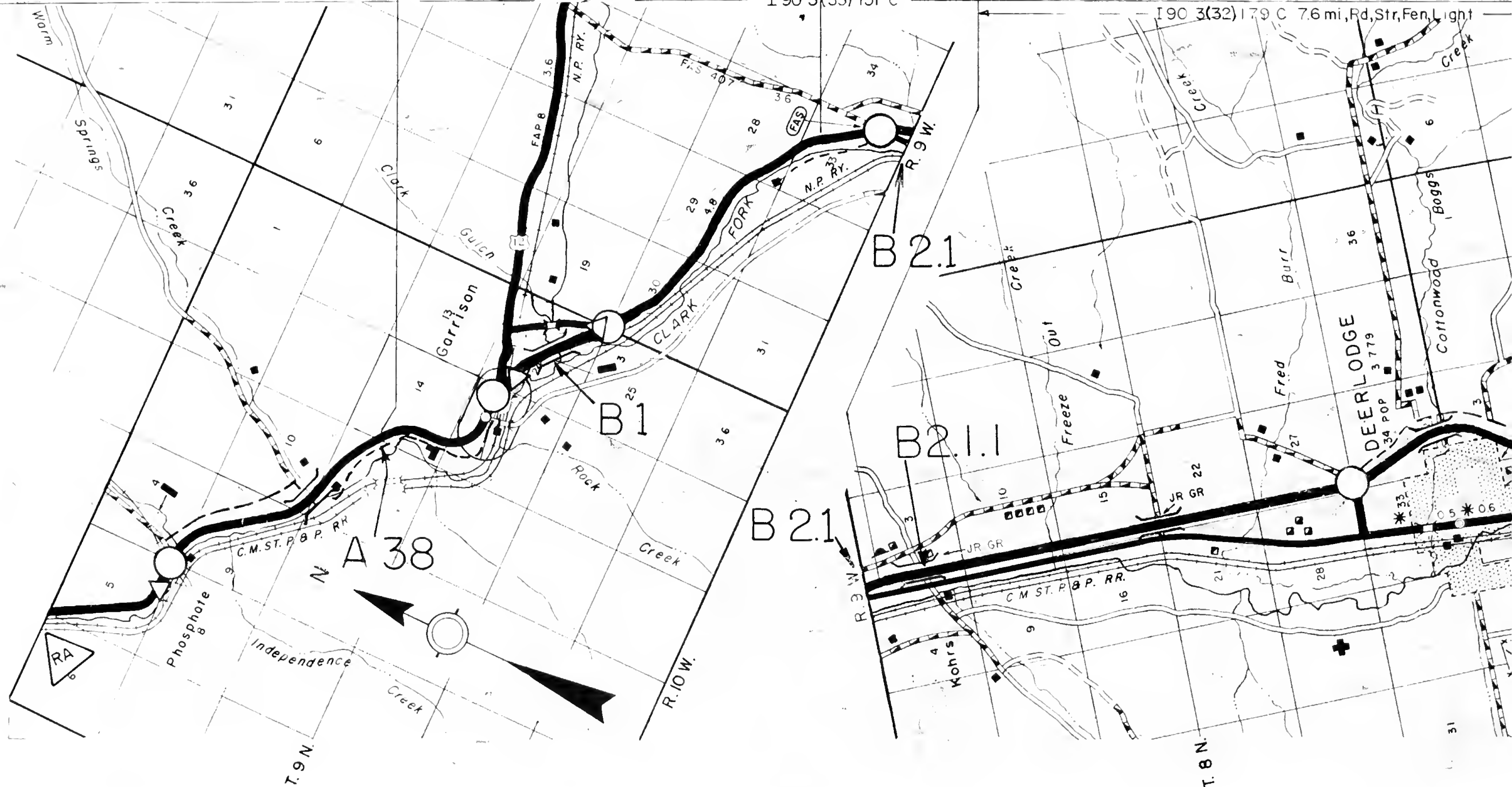
I 90 3(19)179-R

TO HELENA

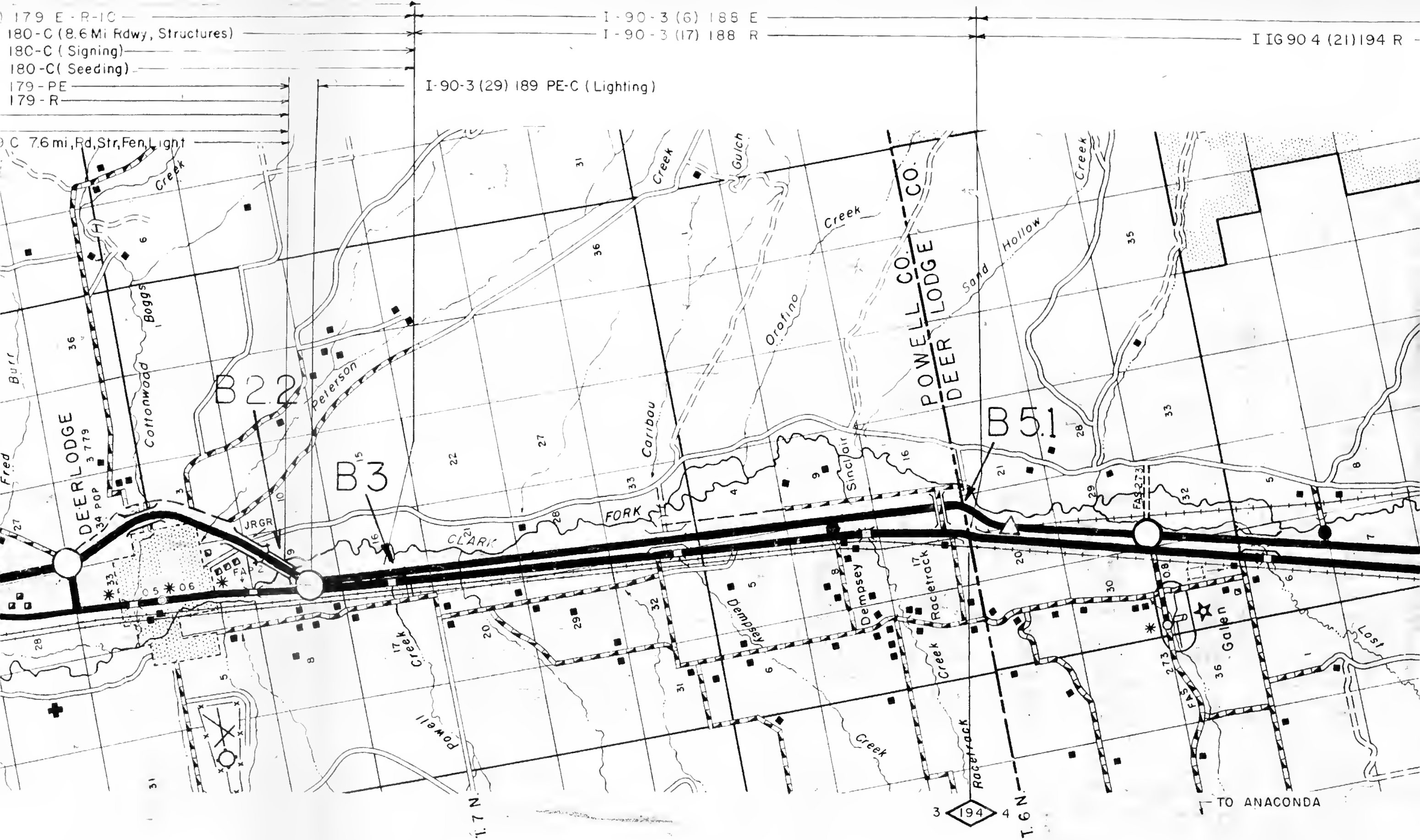
I 90 3(24)151 PE (Safety)

I 90 3(35)151 C

I 90 3(32)179 C 7.6 mi, Rd, Str, Fen, Light



I IG 90 4 (21) 194 R -



POWELL CO.

I IG 90 4 (21) 194 R

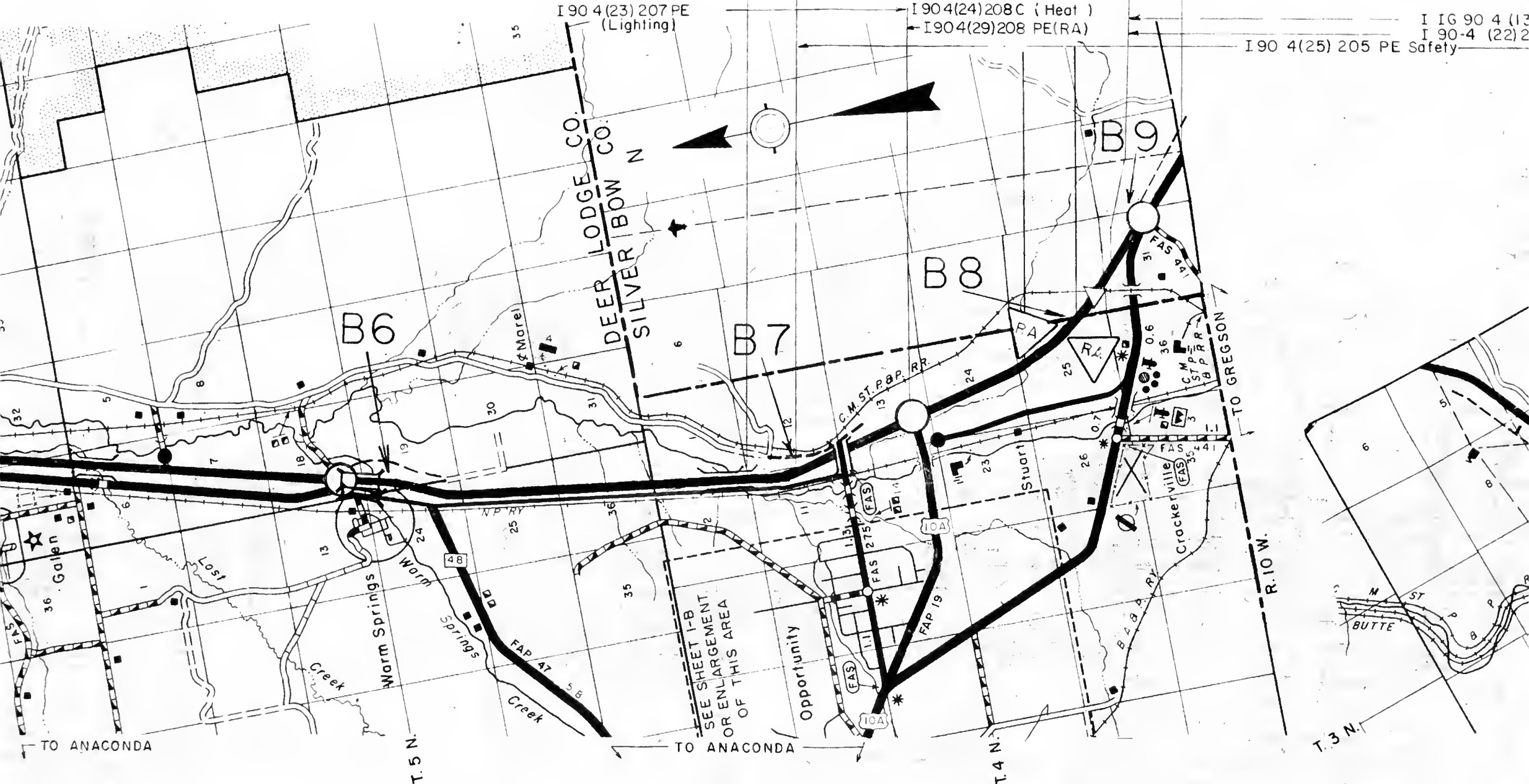
I - IG - 90 - 4 (4) 194 E

I IG 90 - 4 (6) 205 - R - IC

I - IG - 90 - 4

- I IG 90-4(7) 205-C (45 MI. Rdwy. Str. Sign, Fence)
- I-90-4-(11) 205-C (Seeding)
- I-90-4(12) 208-C (Rest Areas)
- I 904(24) 208 C (Heat )
- I 904(29) 208 PE (RA)

I IG 90 4 (13)  
I 90-4 (22) 2  
I 90 4(25) 205 PE Safety



DEER LODGE CO.

SILVER BOW CO.





COINCIDENT WITH INTERSTATE ROUTE 15

I 90-4 (5) 226 R-IC  
I 90-4-(3) 226-E

I 90-5(

INTERSTATE ROUTE 115

I 90 4 (14) 226 C

I-IG 15-2 (17) 130-C (0.7mi. Rdwy. Fence)

I 90-5 (6) 231 C (Rd, Sign, Str, Fence. 2.3mi)

G20.4=  
B12.24

G21=  
B12.3.1

I 90-4 (8) 226 -C  
I 90 4 (8) 227 C  
(2.8 Mi. Rdwy. Str. Fence)  
(2.8 Mi. Pave)

I 90-5 (8) 231 C  
(ACCESS RD.)

LSI 90-5 (1) 233 C  
(REST AREA)

I 90-5 (15) 231 PEG (Seed)

I 90 5 (28) 233 PE (RA)

I 90  
I 90

I 90 5 (27) 231 PE  
(Safety)

B13.0.2

B12.3.2

B13.0.1

I 90 5 (27)

G20.2=  
B11

G20.3=  
B12.1

N

T.2N.

R.8W.

TO RURAL AREA

TO RECREATION AREA

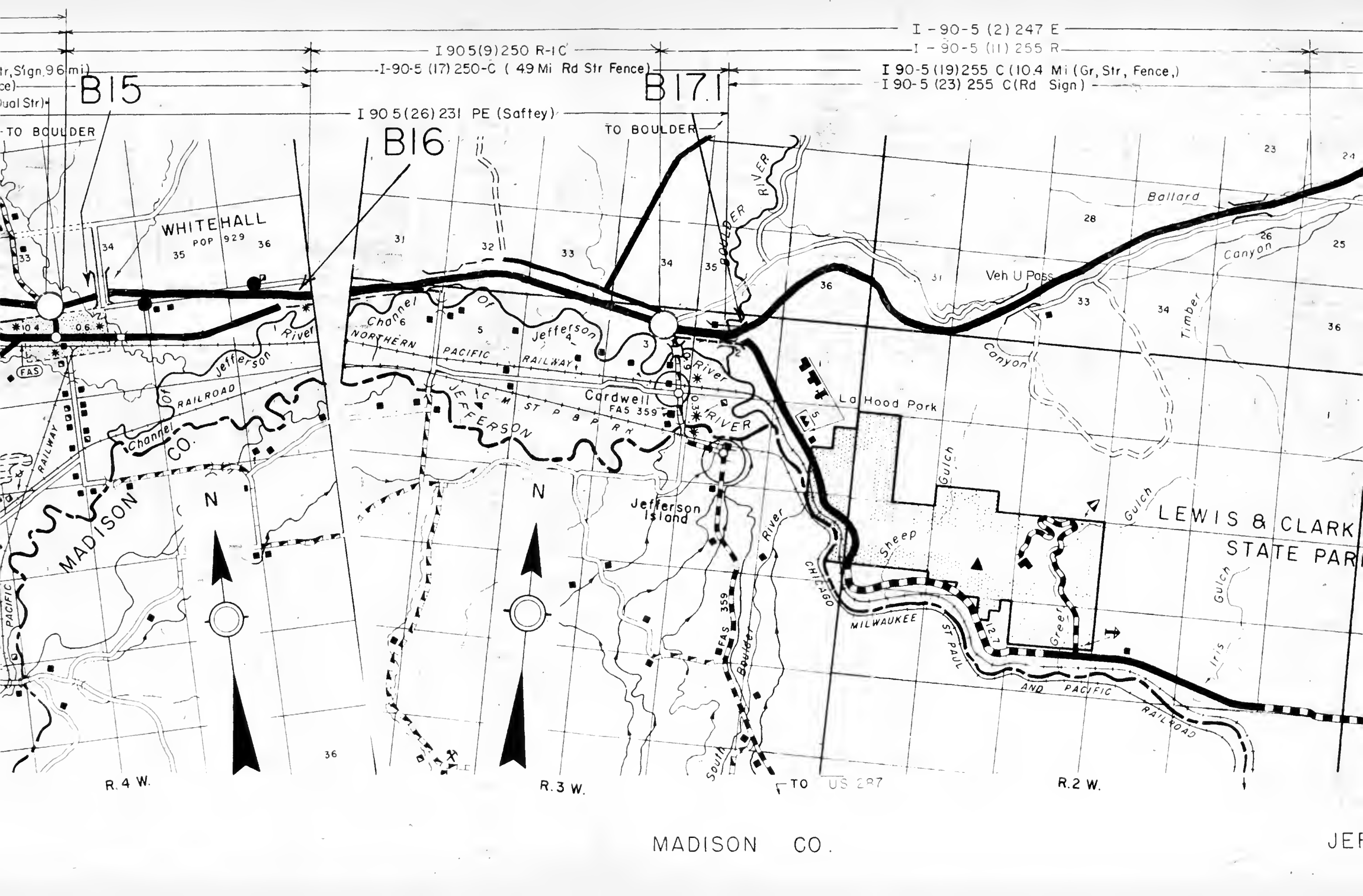
231 5

T.1N  
R.7W.

SILVER BOW CO.

The map displays the proposed route of the Bismarck-Madison-Montana Pipeline, marked with a thick black line. The route enters from the west, passes through Pipestone, and continues east towards Madison and Whitehall. Key locations and features include:

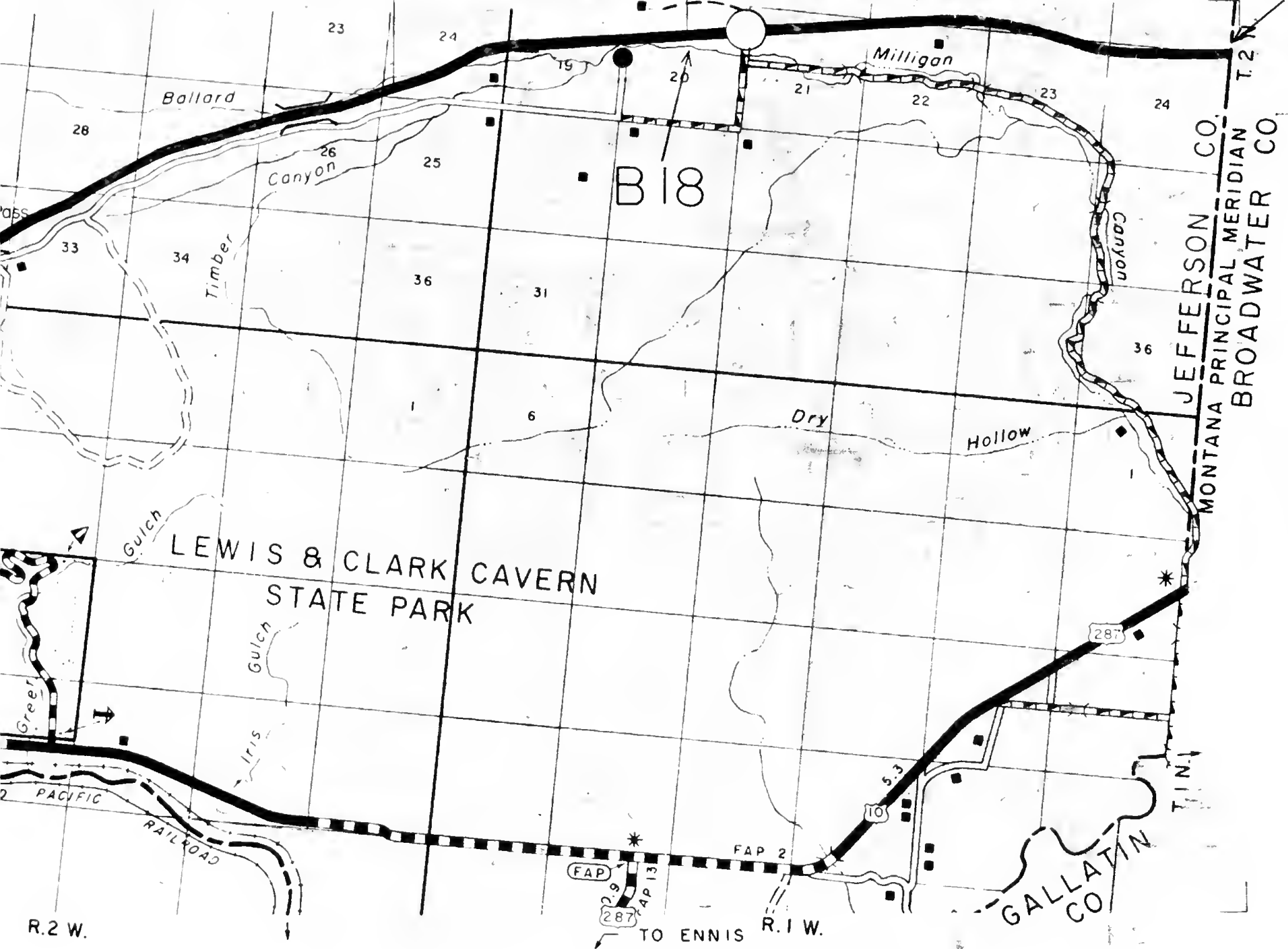
- Towns and Settlements:** Whitehall (POP 929), Madison, Pipestone, Pipestone Hot Springs, Cedric, and Piedmont.
- Roads:** I-90 (Bismarck-Montana Highway), I-29, I-41, and various state and county roads.
- Geographical Features:** Missouri River, Pipestone Canyon, Whisky Pole, Little Creek, and various other creeks and gulches.
- Infrastructure:** Railways (Great Northern, Northern Pacific), and various pipelines (FAS, FAP).
- Map Details:** A grid system with ranges (R. 4 W. to R. 6 W.) and townships (T. 1 N. to T. 2 N.). A north arrow is located in the bottom right corner.





7 E  
5 R  
4 Mi (Gr, Str, Fence,)  
d Sign)

I-90-5(12)264-R  
I-90-5(18)265C(Rd Str-Grass-Sign-Fence 7.0 Mi.)  
I 90-5(24)265-C (Surf Sign)  
I 90 5(12)264 RC Fence



# LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

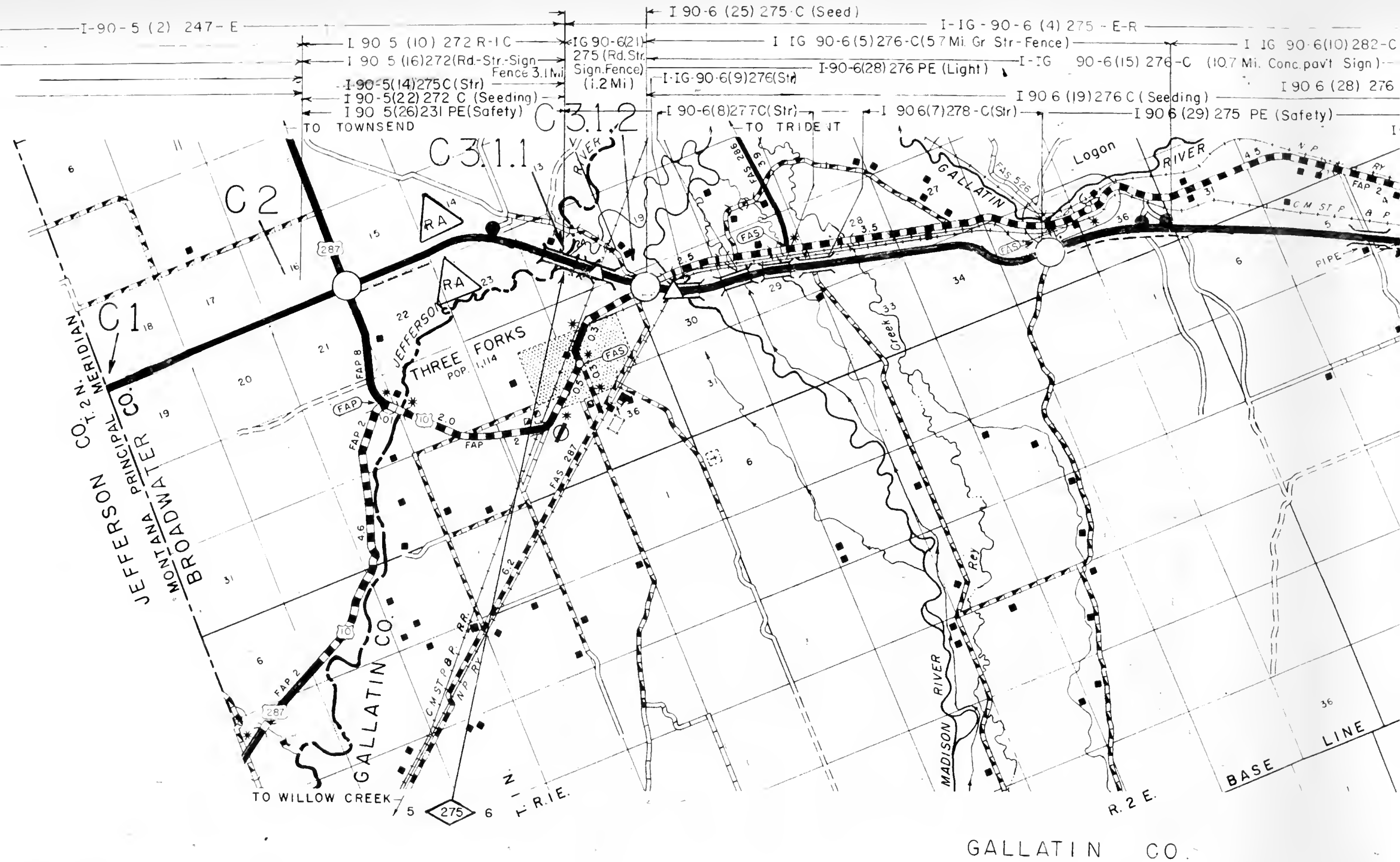
SCALE IN MILES  
0 1 2 3 4

# MONTANA

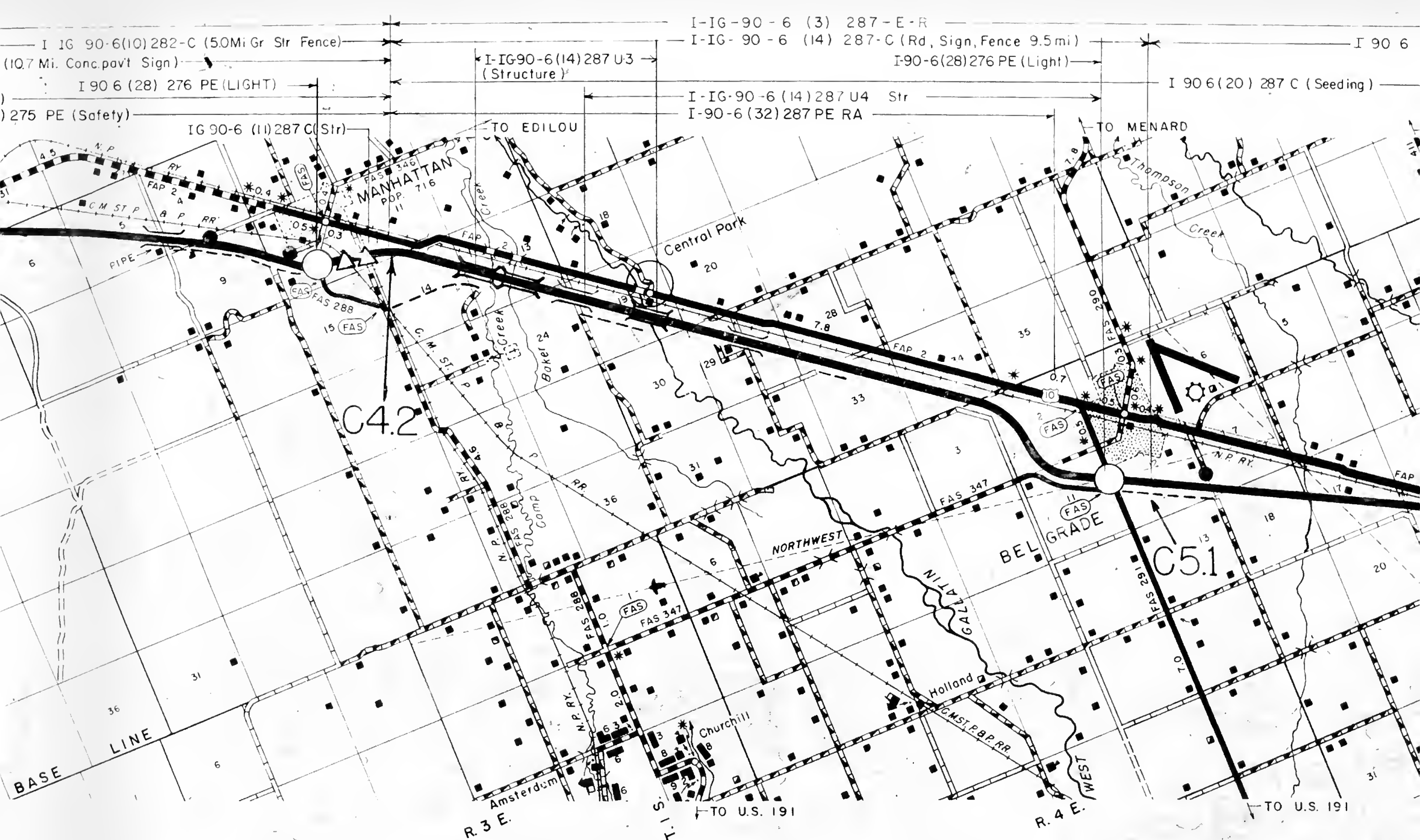
## INTERSTATE ROUTE 90

Sheet 5 of 11

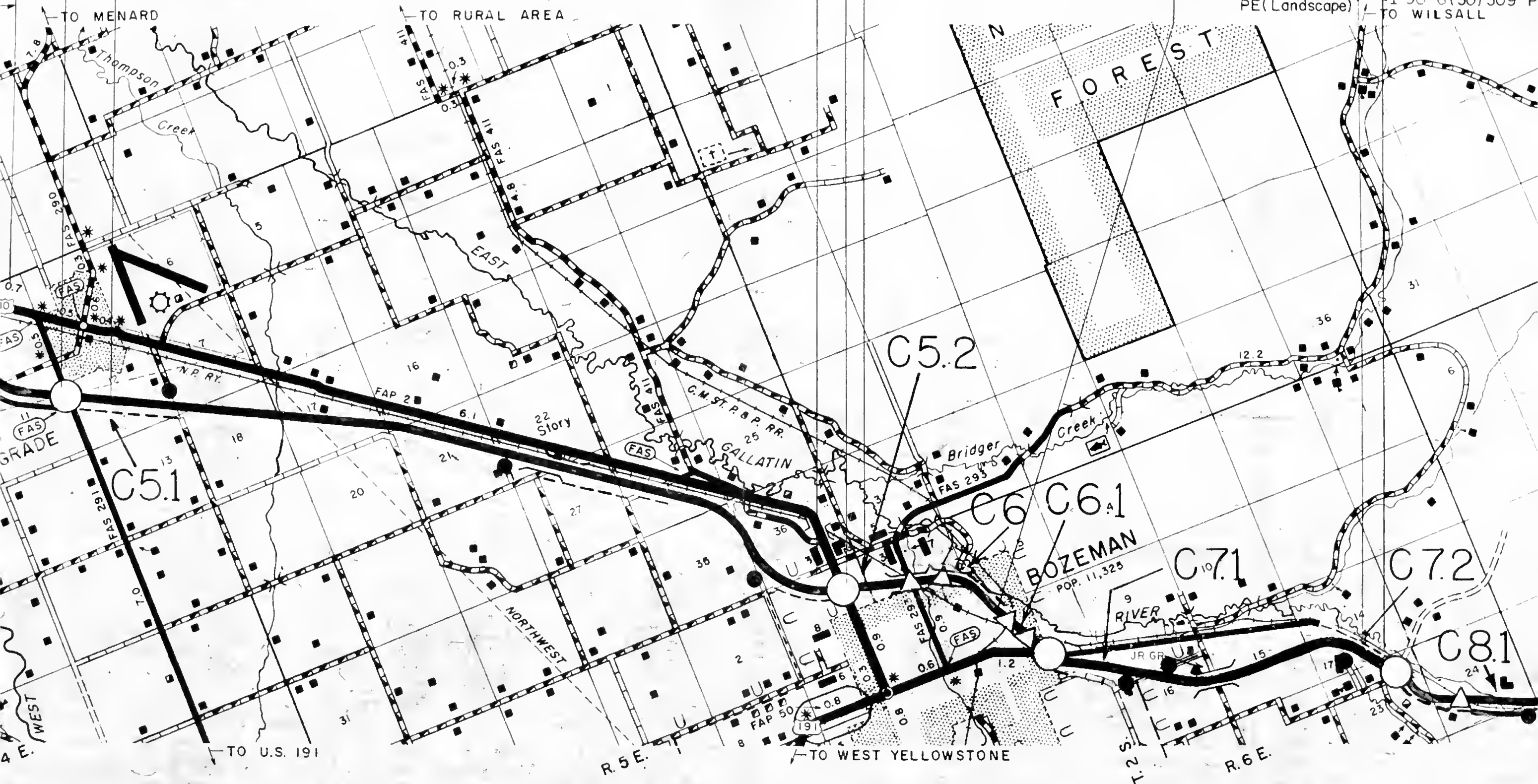
Date December 31, 1972





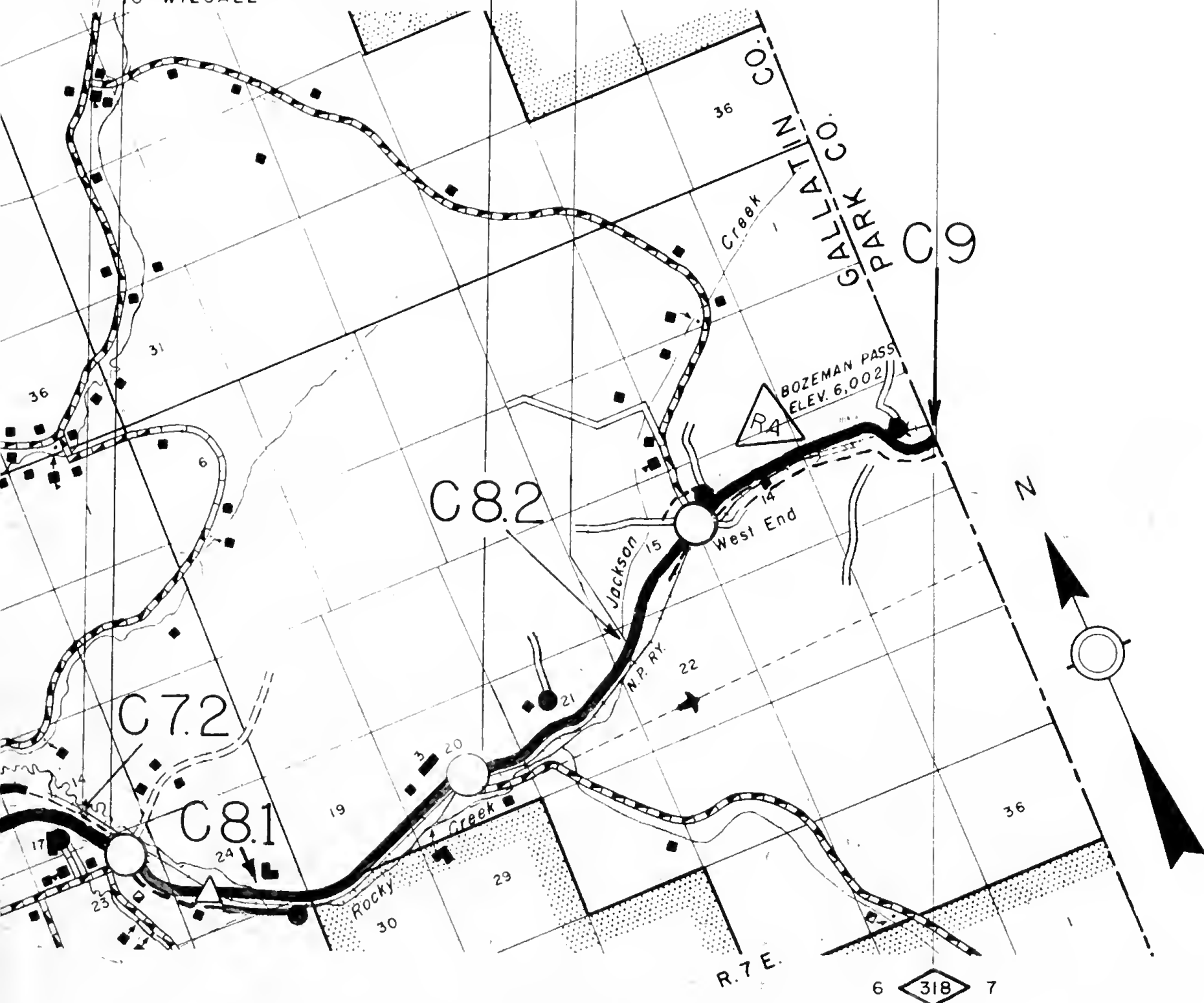


5 mi) — I 90 6 (13) 296 C ( Rd, Str, Fence, Sign 8.4 mi) — I-IG-90-6(22)305 (Rd, Str, Fence) — IIG 90 6(24) 306 C(Str) — I IG 90-6(2)309-  
ght) — I 90 6 (16) 304 C (Lighting) — (1.6 Mi) — IIG 90-6(23)304C(Fen.) — I IG 90-6(6)309-  
I 90 6 (20) 287 C (Seeding) — I 90 6 (35) 304 PE (Landscape) — I-IG-90-6 (23)304 C 4.1 Mi. Gr, Str, 6.2 Mi. Seed — I IG 90-6(12) 309-  
I 90 6 (27) 305 C (Surf, Light, Sign) — I 90 6 (29) 275 PE  
I 90 6 (35) 304 — I 90 6 (30) 309 P  
TO MENARD TO RURAL AREA TO WILLSALL



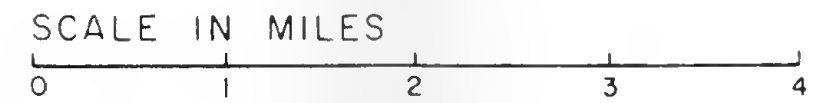
GALLATIN CO.

0-6(1)303-E-R-IC  
 06C(Str) I IG 90-6(2)309-C(53mi Rd-Str-Fence Seal Coat)  
 04C(Fen.) I IG 90-6(6)309-C (Sign)  
 5.2 Mi.Seed I IG 90-6(12)309-C (Grass)  
 35)304 I 90-6(29)275 PE Safety  
 ndscape) I 90-6(30)309 PE Safety  
 TO WILSALL



# LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS



# MONTANA

## INTERSTATE ROUTE 90

Sheet 6 of 11

Date December 31, 1972

I 90-7 (15) 318 PE  
I 90-7 (28) 318 R

I-IG 90-7 (2) 327 E-R IC  
I IG 90-7 (9) 327-C (118 Mi. Rd)  
I 90-7 (10) 327-C (Signs)  
I 90-7 (12) 327-C (Seeding)  
I 90-7 (27) 327-EC (Safety) (Li  
EHS I 90 7  
TO WHITE SUL

I 90-7(26)332 EC(Safety)  
I 90-7(4)330-C  
(STRUCTURES)

GALLATIN CO. T.2 S.  
PARK CO.  
C9

C10

C11

C11.1

C13

LIVINGSTON  
POP. 7,683

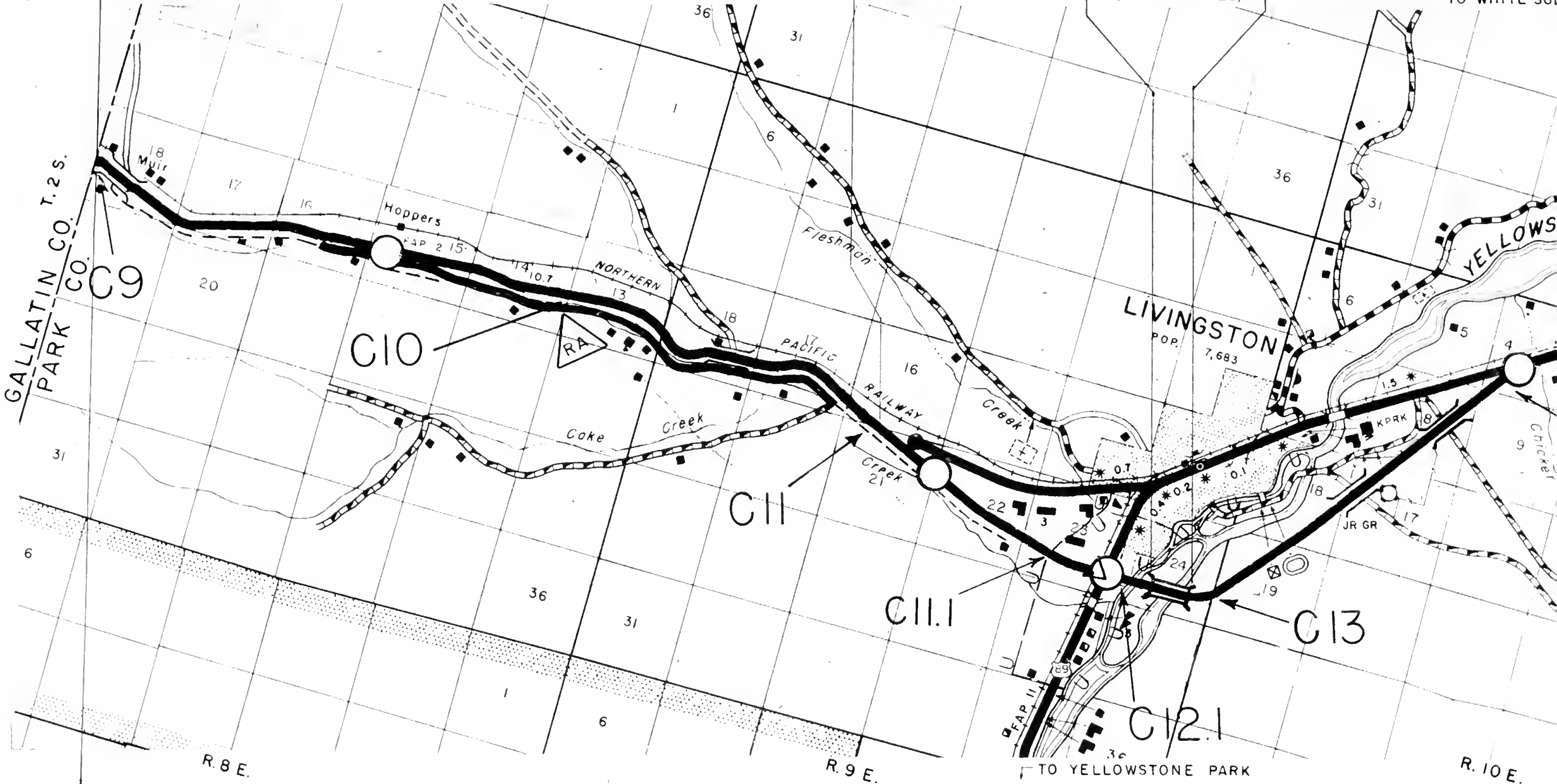
C12.1

TO YELLOWSTONE PARK

R. 8 E.

R. 9 E.

R. 10 E.

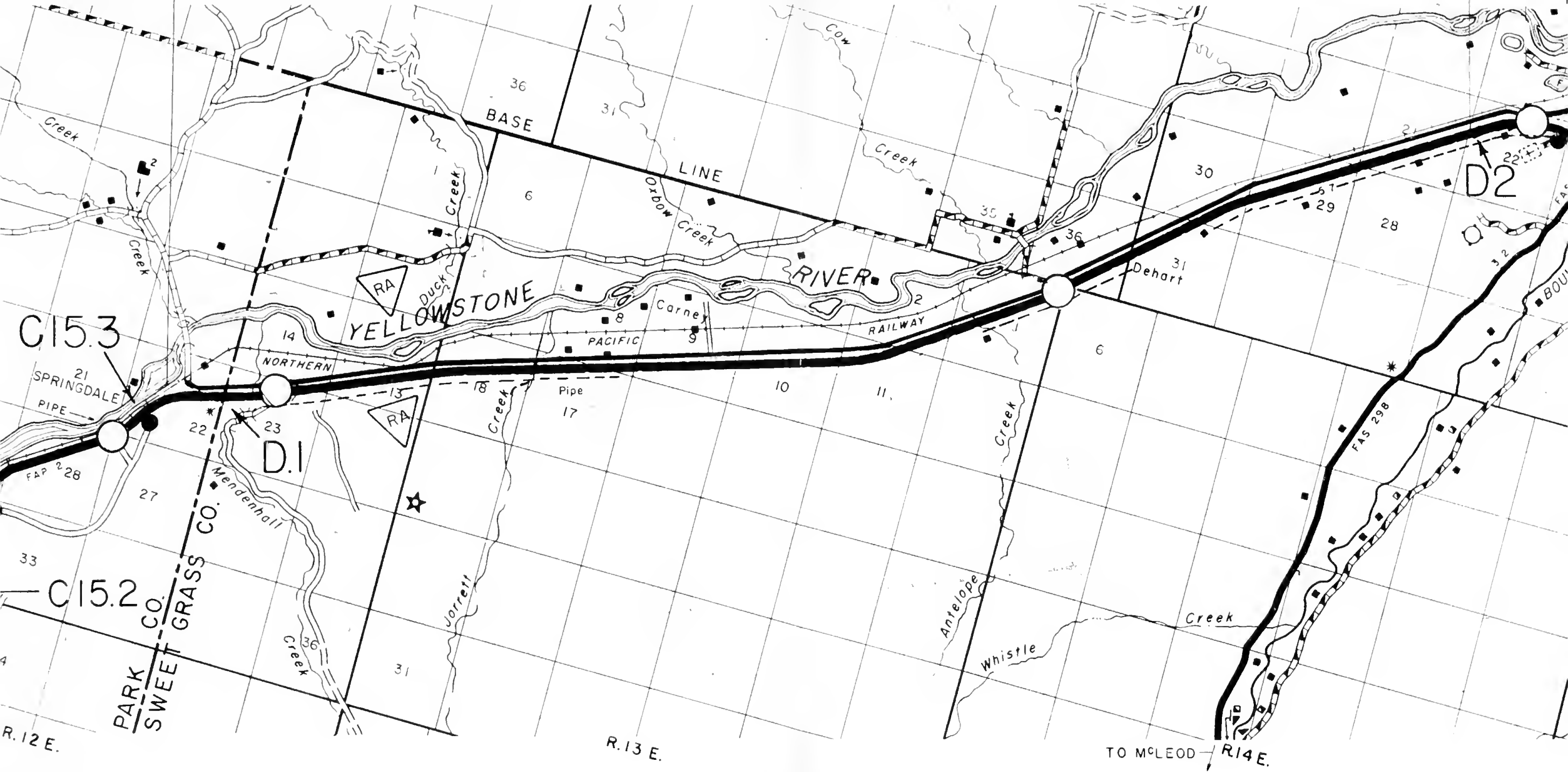


6 318 7





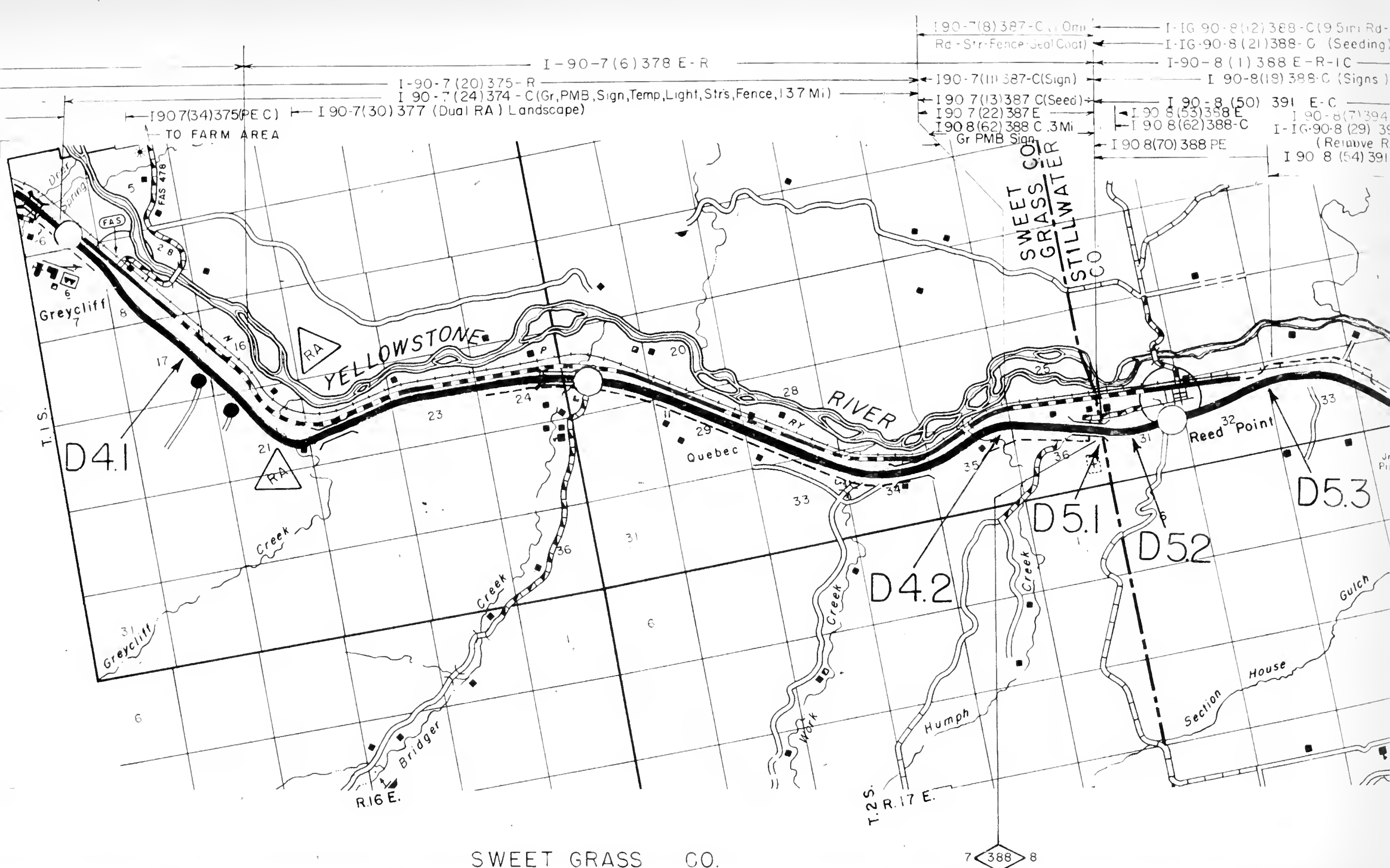
7 (27) 327 (Safety)  
7 (16) 346 PE(Safety)  
7 (19) 346 C(Median)



SWEET GRASS CO.

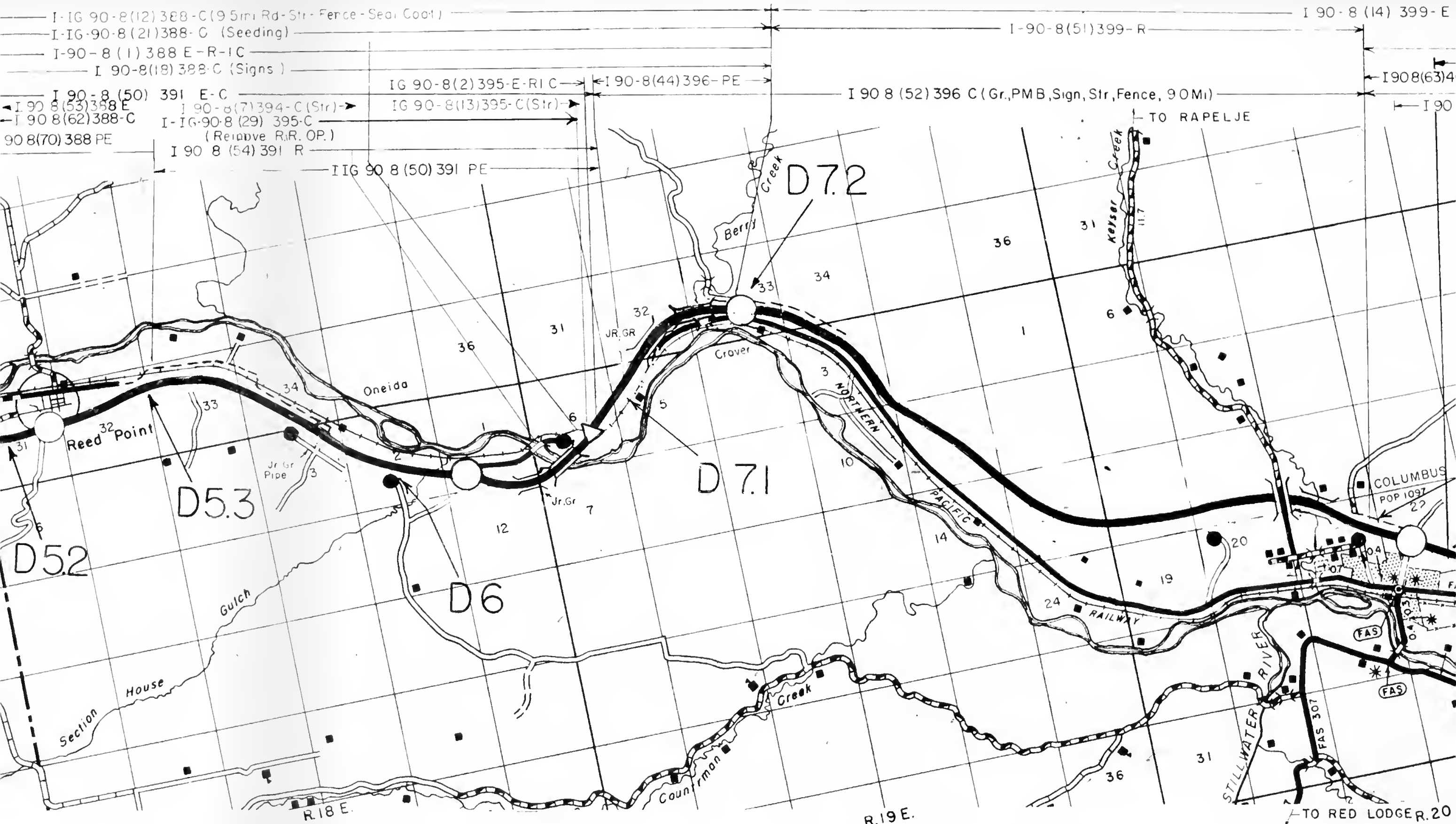


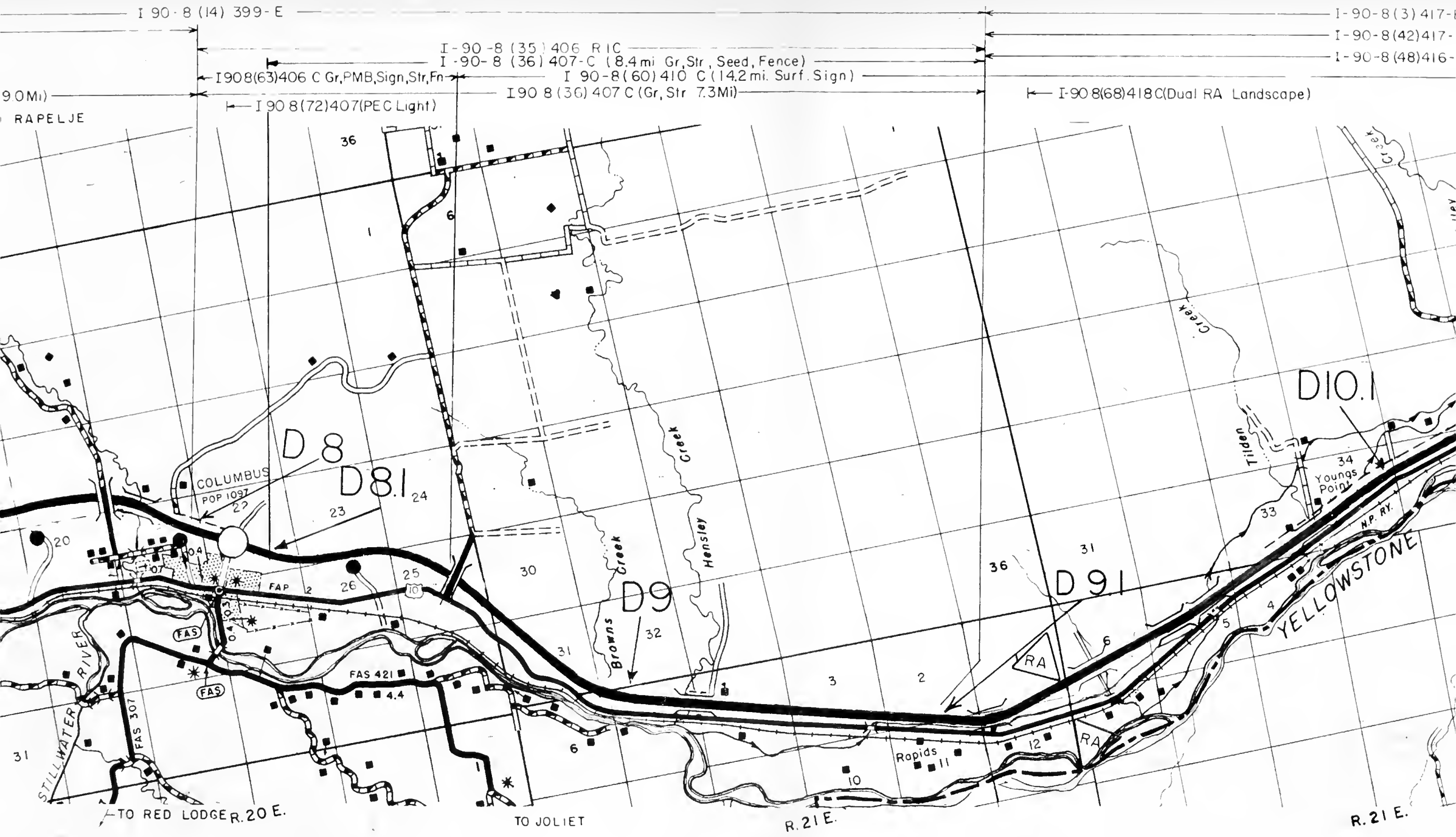




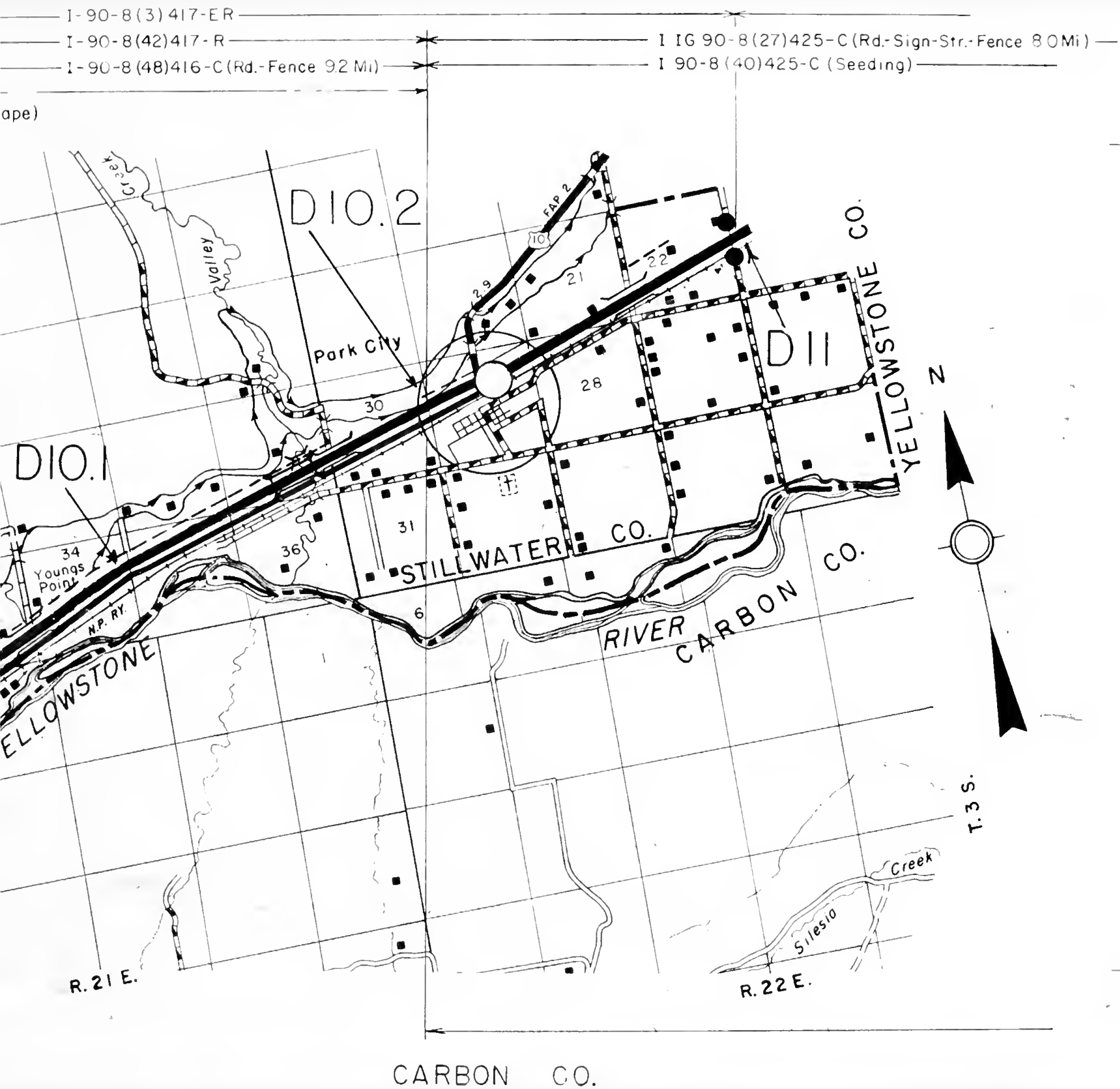
SWEET GRASS CO.

7 388 8





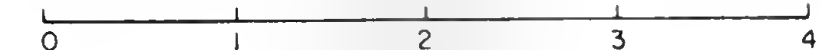
STILLWATER CO.



## LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

SCALE IN MILES



# MONTANA

## INTERSTATE ROUTE 90

Sheet 8 of 11

Date December 31, 1972



I-IG 90-8 (4) 428 -E-RIC

I-IG 90-8(27)425-C (Rd-Sign-Str Fence)

I-90-8(40)425-C (Seeding)

I IG 90-8(17) 433-C ( 5.3 Mi. Rdwy. Str. Fence Weigh Sta)

I 90-8(24)433-C (Sign-Delin.)

I 90-8(33)433-C (Seeding)

I 90 8(61) 483 PE

I 90 8(61) 436 C (Light)

I-IG 90-8 (5) 433-E-R

I-90 8(5)438 (Sign)

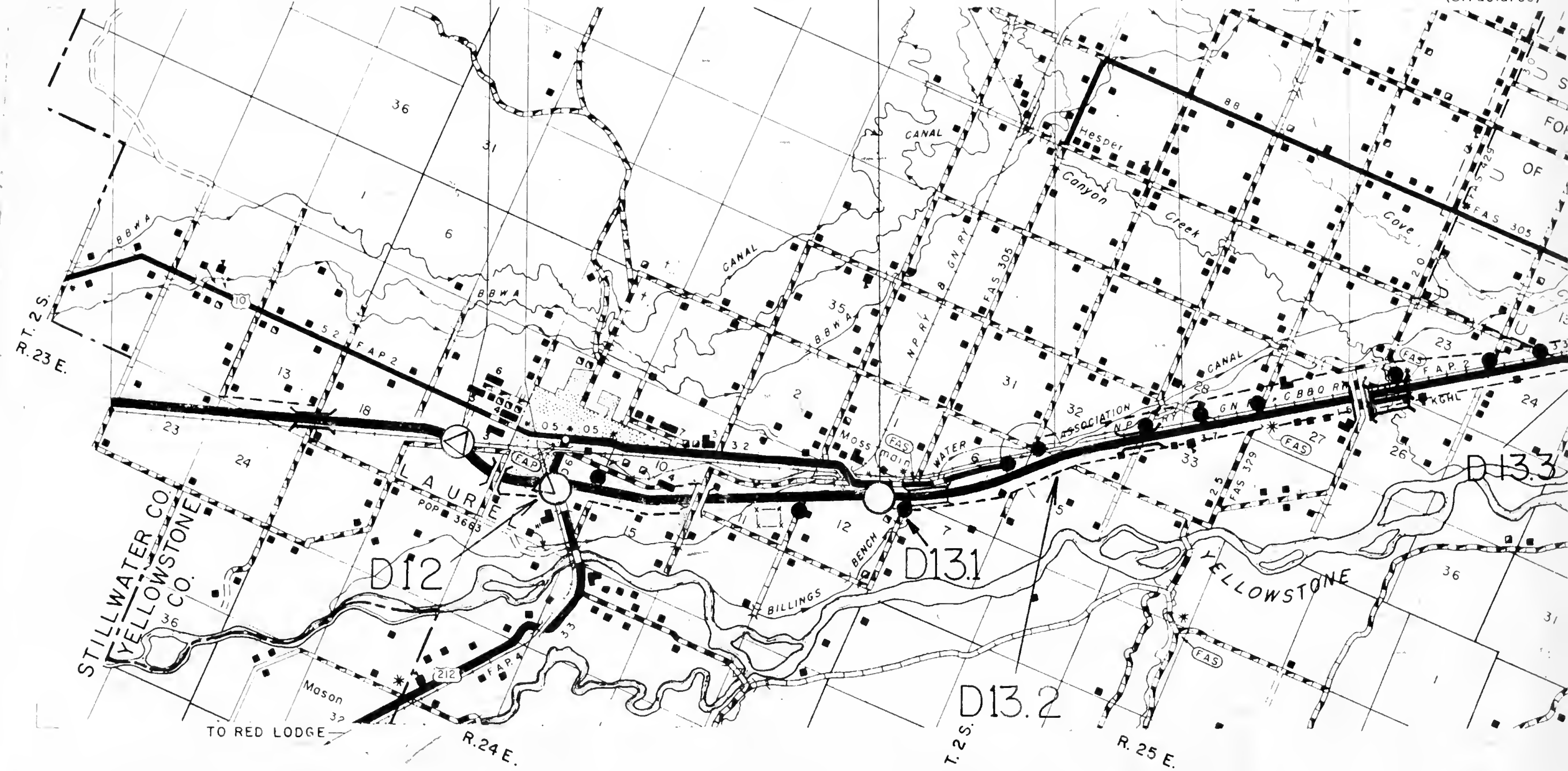
I 90-8(8)438-C (6.1 mi Rd-Str-Fence)

I 90-8(15)438-C (Seeding)

I-IG-90-8(28)432-C(Str.-Frtg. Rd.)

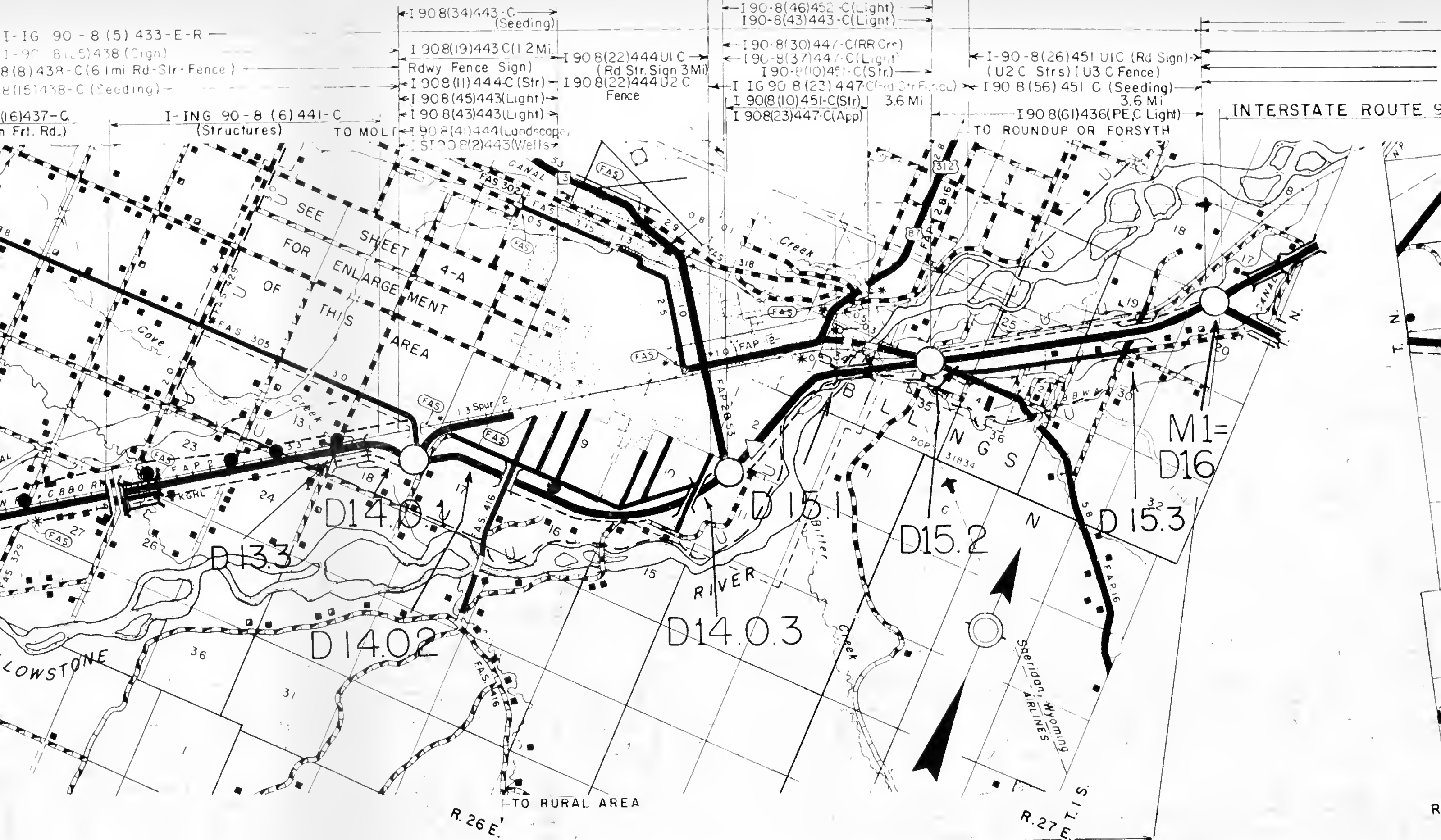
I 90-8(16)437-C  
(Str. on Frt. Rd.)

I-ING 90-8 (6) 4  
(Structures)



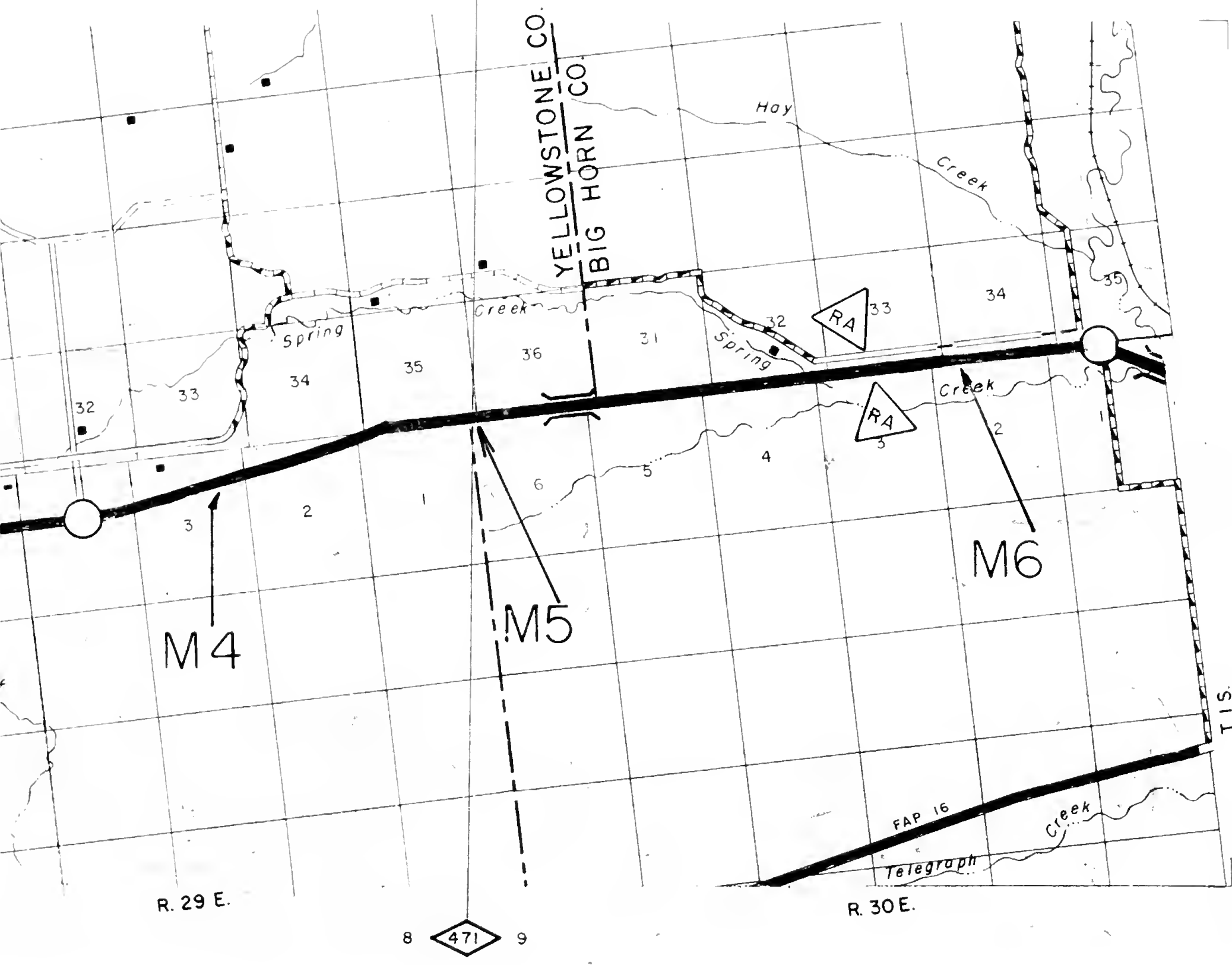
I-90 8(70)388 PE





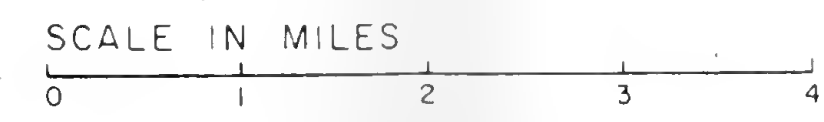
YELLOWSTONE CO.

I-90-8(65)465 C(6.2 Mi Gr Str Fen)  
 I-90-8(67)461 (Surf)  
 I-IG 90-9 (8) 471-E  
 I-IG-90-9 (25) 471-R  
 I-IG-90-9 (26) 471-C (13.0 Mi, Gr, Str, PMB)  
 I-90-9(41) 471 C(Sign)  
 I-90-9(39) 476 C(Dual RA, Landscape)



# LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS



# MONTANA

## INTERSTATE ROUTE 90

Sheet 9 of 11

Date December 31, 1972

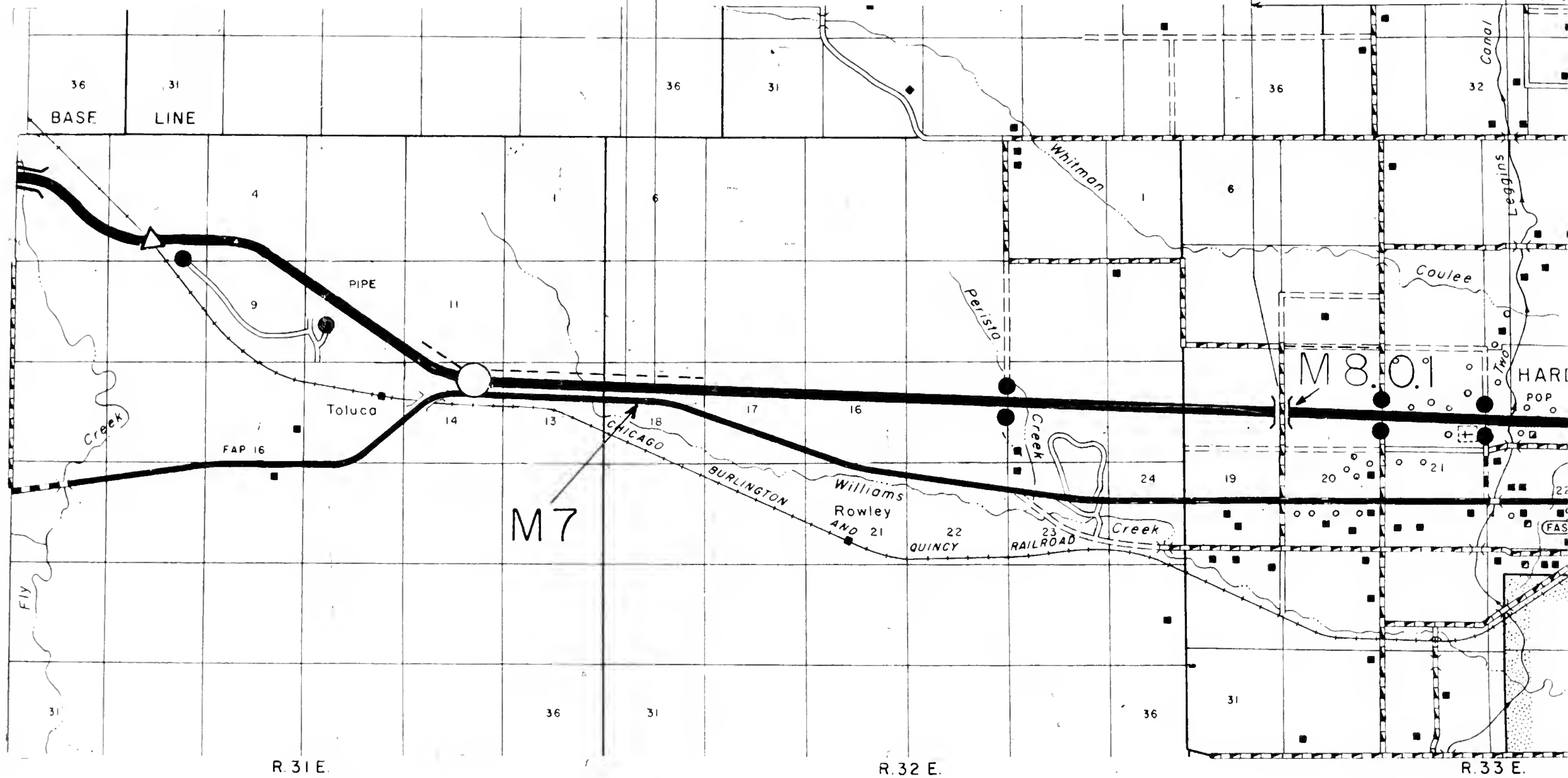
BIG HORN CO.

I-IG 90-9(8)471-E

I 90-9(15)483-R

I 90-9(17)483-C (Rd.- Fence-6.2Mi)

I 90-9(30)483-C (Surf, Light, Sign)







(11) 498-C (Seeding)

9(3) 496-E-R-IC

9(5) 498-C (9.1 mi. Rd-Str)

I 90-9(10) 498-C (Signing)

I 90-9(4) 508-E-R

IN 90-9(7) 508-C

(2.5 mi. Rd-Str)

I 90-9(1) 509-R-C

(2.2 mi. BST)

IN 90-9(2) 510-E-R-C (6.6 mi Rd-BST)

IN 90-9(6) 510-E-C (6.6 mi PMO)

IG 90-9(9) 507-E

-C (RR Signals)

I-90-9(21) 501 E

I-90-9(29) 509 PE-C

(Light)

I 90 9 (32) 501 Rd Str Sn 5.1 mi)

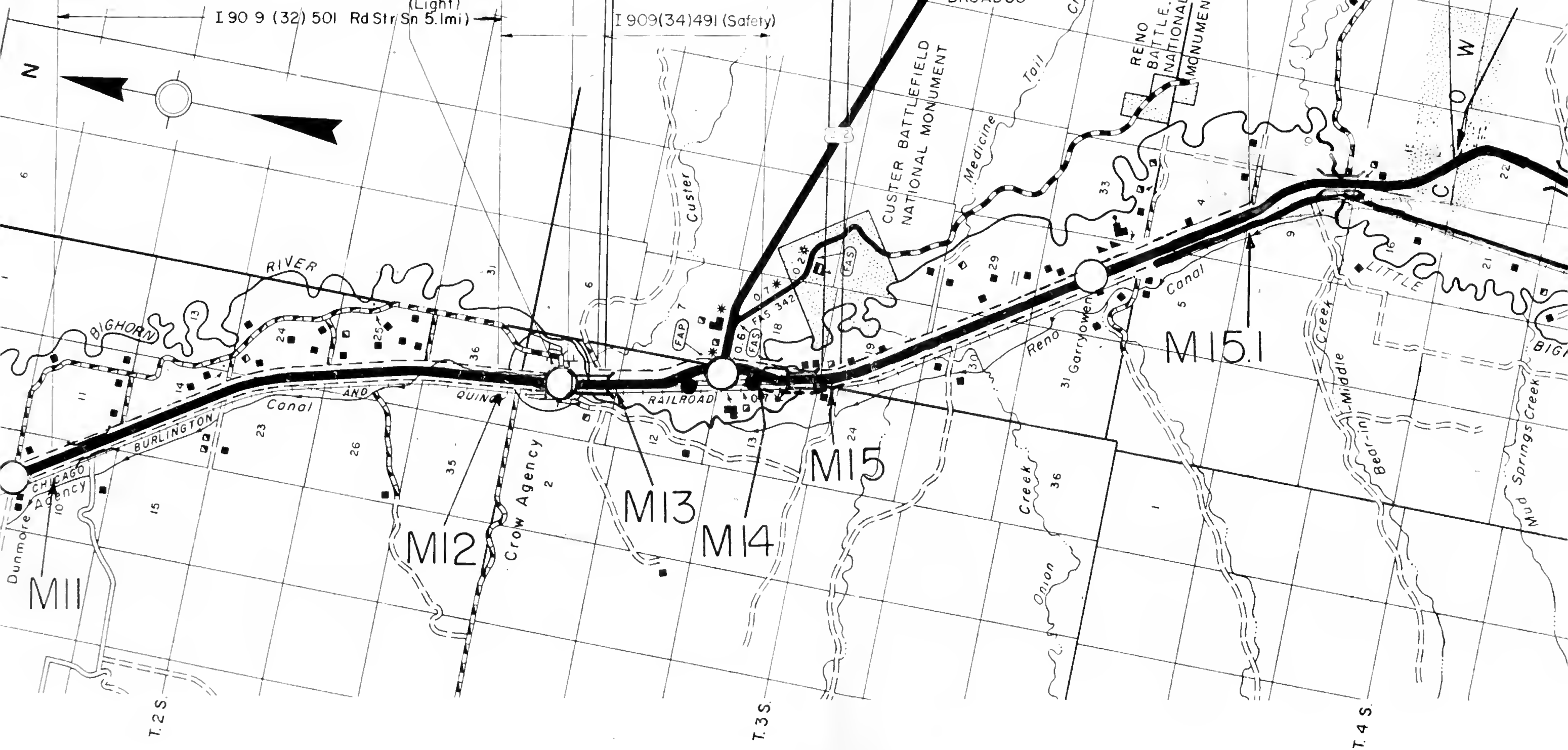
I 909(34) 491 (Safety)

I 90 9 (27) 509 R

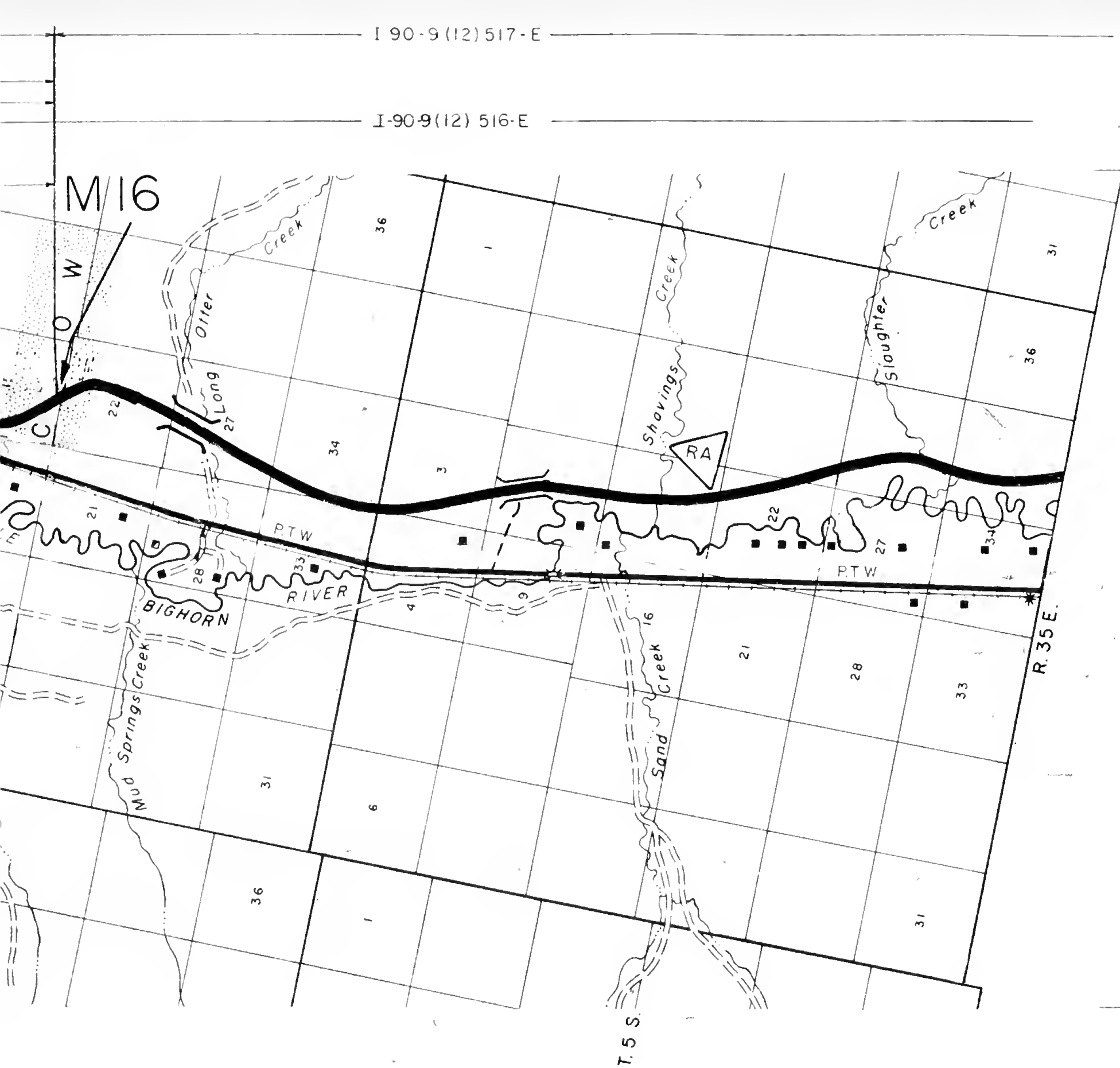
I 90 9 (20) 508 E

BROADUS

M16



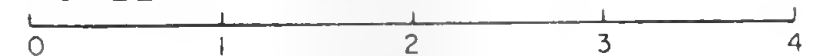




## LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

SCALE IN MILES

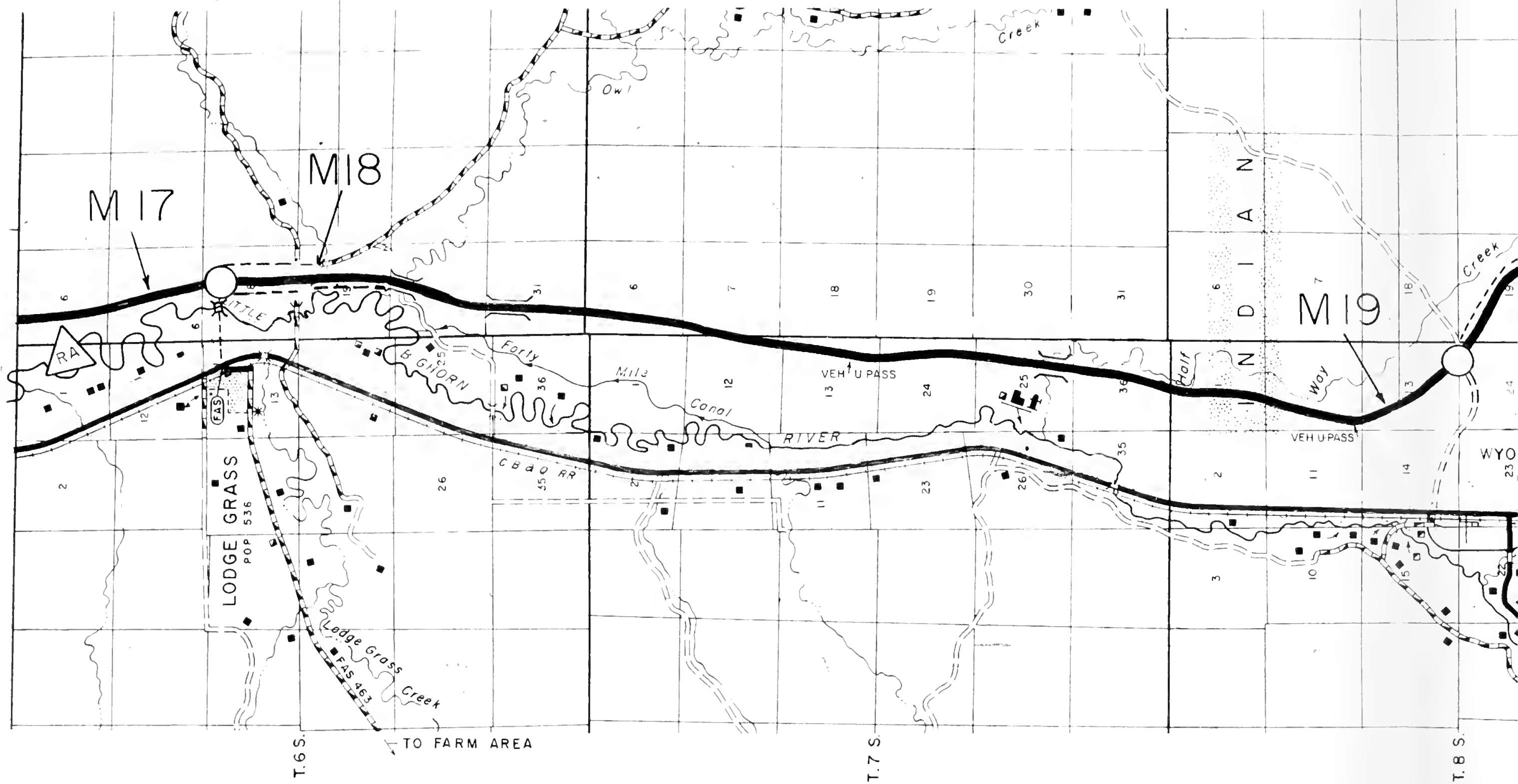


# MONTANA

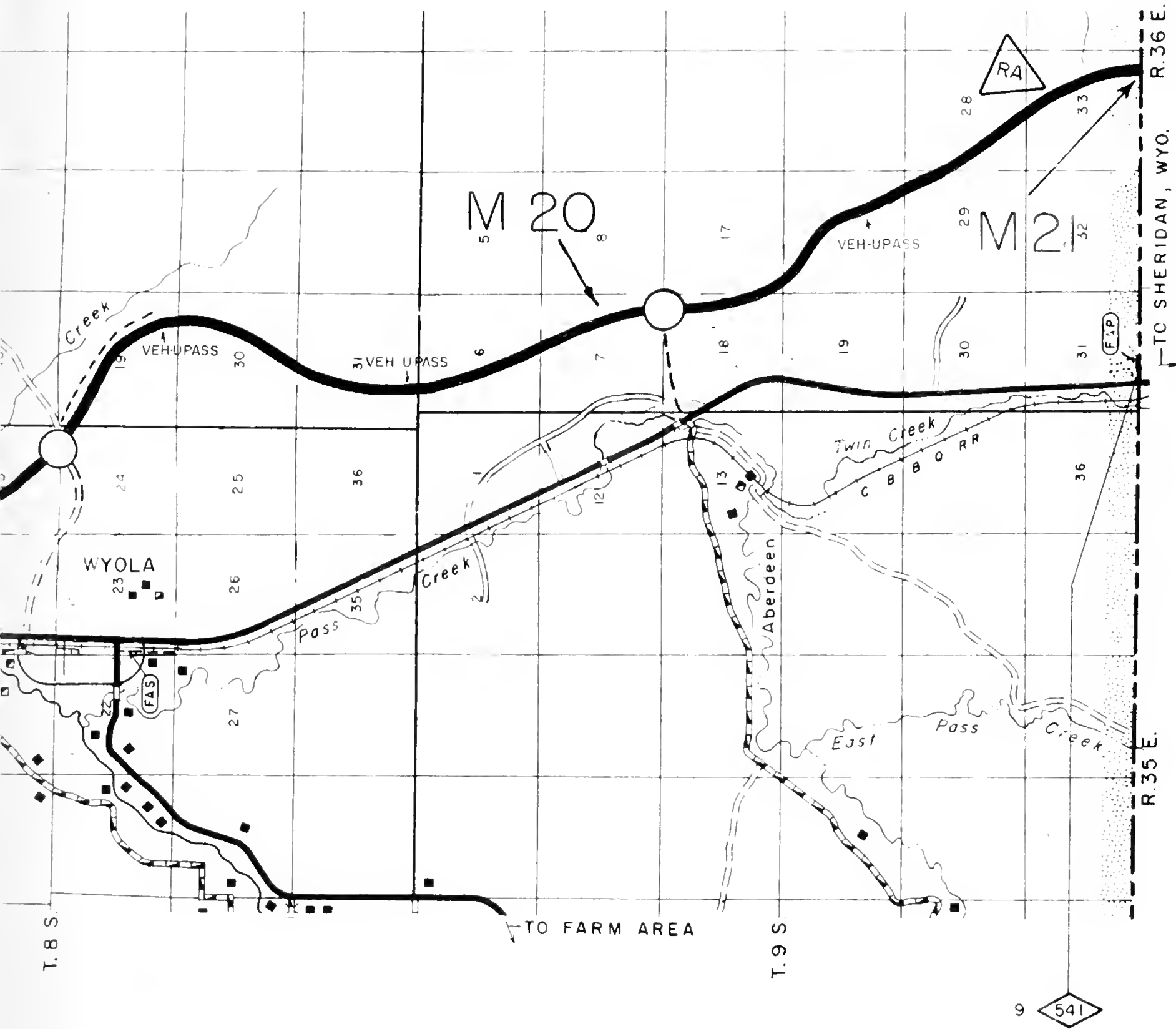
## INTERSTATE ROUTE 90

Sheet 10 of 11

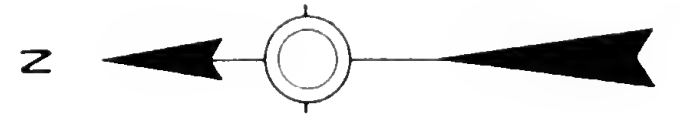
Date December 31, 1972



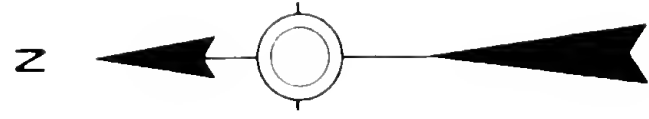
BIG HORN CO.











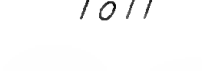


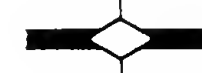
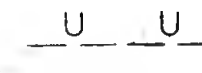
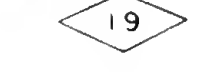

W Y O M I N G

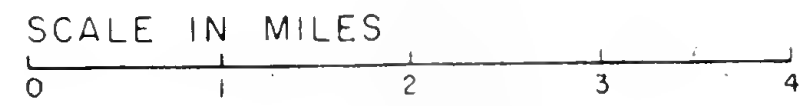


W Y O M I N G



LEGEND FOR INTERSTATE ROUTES

-  INTERSTATE LOCATION STEP 4 - 5
-  INTERSTATE LOCATION STEP 1 - 2 - 3
-  INTERCHANGE
-  HIGHWAY GRADE SEPARATION - NO CONNECTION
-  RAILROAD GRADE SEPARATION
-  COMBINATION HIGHWAY - RAILROAD GRADE SEPARATION
-  OTHER BRIDGE
-  TUNNEL
-  TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
-  FRONTAGE ROAD
-  TERMINATED CROSS ROAD
-  INTERSECTION AT-GRADE
-  URBAN AREA BOUNDARY
-  POST MILEAGE
-  ROUTE SECTIONS



MONTANA

INTERSTATE ROUTE 90

Sheet II of II

Date December 31, 1972









TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE Montana

INTERSTATE ROUTE NO. 94

Sheet 1 of 5 Sheets

ITEM	ESTIMATE SECTION													
	D16 D17	D17 D18	D18 D19	D19 D20.1	D20.1 D20.2	D20.2 D21.1	D21.1 D21.2	D21.2 D22.1	D22.1 D22.2	D22.2 D23	D23 D24	D24 D25.0.1	D25.0.1 D25.0.2	D25.0.2 D26.1
1. Section Length, miles (0.1)	6.5	6.5	10.5	9.0	1.9	3.4	5.1	3.0	3.7	1.3	1.0	3.5	4.0	2.1
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Urban Area identification (name and code)														
4. Location: Existing, New or toll (E, N or T)	N	N	N	N	N	N	N	N	N	N	N	N	N	N
5. Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	60	70	70	70	70	70	70	70	50	70	70	70	50	70
7. Base year traffic (1972 ADT)	2107	2107	1764	1764	1764	2076	2076	2076	1872	1872	1853	1853	1853	1853
8. Traffic: a. Design year (19 )	85	86	87	93	93	92	92	91	91	98	98	98	75	98
b. ADT Design year	3300	3350	2850	3150	3150	3100	3100	3050	3000	3250	3300	3300	2250	3300
c. DHV Design year	390	400	340	370	370	370	370	360	360	390	390	390	270	390
d. D Directional distribution factors	55	55	55	55	55	55	55	55	55	55	55	55	55	55
e. T Percent trucks design year (DHV)	13	13	13	13	13	13	13	13	14	14	14	14	14	14
f. T Percent trucks design year (ADT)	19	19	19	19	19	19	19	19	19	19	19	19	19	19
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads	6.5	6.5	10.5						1.9		1.0	0.5	4.0	
11. Mileage with frontage roads				9.0	1.9	3.4	5.1	3.0	1.8	1.3		3.0		2.1
12. Typical cross-section reference	30	30	30	30	30	50&30	50&30	30	30	20	20	20	40	20
13. Right -of-Way Width: Prevailing	320	320	320	400	400	450	450	300	300	270	270	270	330	300
14. Median Width: Prevailing	50	76	76	68	68	68	68	76	76	46	46	46	10	38

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE MontanaINTERSTATE ROUTE NO. 94  
Sheet 2 of 5 Sheets

ITEM	ESTIMATE SECTION													
	D26.1 D26.2	D26.2 D27	D27 E1	E1 E2.1	E2.1 E2.2	E2.2 E3	E3 E4	E4 E4.1	E4.1 E5	E5 E6	E6 E6.1	E6.1 E7	E7 E8	E8 E9.0.1
1. Section Length, miles (0.1)	5.6	4.1	5.8	7.2	1.6	5.4	2.9	2.7	4.4	4.5	7.5	0.7	4.9	8.1
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Urban Area identification (name and code)														
4. Location: Existing, new or toll (E, N or T)	N	N	N	N	N	N	N	N	N	N	N	N	N	N
5. Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	70	70	70	70	70	60	70	70	70	70	70	70	70	60
7. Base year traffic (1972 ADT)	2007	1982	1982	1982	1982	2548	2630	2630	2630	2165	2165	2165	2270	2297
8. Traffic: a. Design year (19 )	98	98	98	91	91	91	96	96	89	89	89	89	97	91
b. ADT Design year	3450	3300	3300	3000	3000	3100	4650	4650	4200	3700	3700	3700	3750	3500
c. DHV Design year	410	390	390	360	360	370	550	550	500	450	450	450	450	420
d. D Directional distribution factors	55	55	55	55	55	55	55	55	55	55	55	55	55	55
e. T Percent trucks design year (DHV)	12	12	12	12	12	11	12	12	12	12	12	12	12	12
f. T Percent trucks design year (ADT)	18	18	18	18	18	16	17	17	17	17	17	17	17	17
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design vr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads	3.2	1.6	5.8	5.2	1.1	4.4								0.6
11. Mileage with frontage roads	2.4	2.5		2.0	0.5	1.0	2.9	2.7	4.4	4.5	7.5	0.7	4.9	7.5
12. Typical cross-section reference	20	20	20	20	20	20	30	30	30	30	30	20	20	20
13. Right -of-Way Width: Prevailing	280	300	300	300	300	300	300	350	350	350	320	320	230	360
14. Median Width: Prevailing	38	68	68	68	68	76	46	76	76	76	76	38	38	38

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE MontanaINTERSTATE ROUTE NO. 94Sheet 3 of 5 Sheets

ITEM	ESTIMATE SECTION													
	F9.0.1 F9.0.2	F9.0.2 E9.0.3	E9.0.3 E10	E10 E11	E11 E12	E12 E13	E13 E14	E14 E14.1	E14.1 E15.1	E15.1 F1	F1 F2	F2 F3	F3 F4	F4 F5
1. Section Length, miles (0.1)	6.3	0.8	1.4	1.2	3.0	4.9	1.8	0.7	5.1	8.9	6.3	4.1	4.0	2.2
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Urban Area identification (name and code)														
4. Location: Existing, new or toll (E, N or T)	N	N	N	N	N	N	N	E	E	N	N	N	N	N
5. Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	70	70	70	70	70	70	70	70	70	60	70	70	70	70
7. Base year traffic (1972 ADT)	2324	1199	1199	1199	1221	1718	1718	1842	1842	1884	1884	1884	2047	2047
8. Traffic: a. Design year (19 )	93	75	93	93	92	92	92	98	98	90	90	90	90	88
b. ADT Design year	3700	1500	2100	2100	2050	2600	2600	3150	3150	2800	3050	3050	3500	3400
c. DHV Design year	440	180	250	250	240	310	310	370	370	330	360	360	420	400
d. D Directional distribution factors	55	55	55	55	55	55	55	55	55	55	55	55	55	55
e. T Percent trucks design year (DHV)	12	18	18	18	17	13	13	13	13	13	13	13	14	14
f. T Percent trucks design year (ADT)	17	26	26	26	25	18	18	18	18	18	18	18	21	21
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads	2.7	0.3	1.4	1.2	3.0	4.4	1.8	0.7	5.1				1.8	
11. Mileage with frontage roads	3.6	0.5				0.5				8.9	6.3	4.1	2.2	2.2
12. Typical cross-section reference	20	31	20	20	20	20	20	20	30	30	30	30	30	30
13. Right -of-Way Width: Prevailing	400	400	400	250	250	250	250	350	350	400	400	300	300	300
14. Median Width: Prevailing	38	38	38	38	38	38	38	46	46	76	76	76	76	76

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE Montana

INTERSTATE ROUTE NO. 94

Sheet 4 of 5 Sheets

ITEM	ESTIMATE SECTION													
	F5 F6	F6 F7	F7 F8	F8 F9	F9 F10	F10 F11	F11 F12	F12 F13.1	F13.1 F13.2	F13.2 F13.3	F 13.3 F14	F14 F14.1	F14.1 F15	F15 F15.1
1. Section Length, miles (0.1)	4.3	2.5	0.2	4.2	5.9	5.5	7.5	1.5	2.1	1.0	0.3	0.1	0.2	1.0
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	U*	R	R	U*	U*	U*
3. Urban Area identification (name and code)									360#			360#	360#	360#
4. Location: Existing, new or toll (E, N or T)	N	N	N	E	E	E	F	N	N	N	N	N	N	E
5. Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	70	60	60	60	80	80	80	70	70	70	70	70	70	70
7. Base year traffic (1972 ADT)	2047	1842	1842	1842	1870	1880	2443	1070	2284	2284	2284	2284	2284	2131
8. Traffic: a. Design year (19 )	88	95	95	95	92	92	96	88	88	87	87	87	87	87
b. ADT Design year	3400	2900	2900	2900	2700	2750	3650	1550	3400	3350	3350	3350	3350	3500
c. DHV Design year	400	350	350	350	320	330	430	180	400	400	400	400	400	470
d. D Directional distribution factors	55	55	55	55	55	55	55	55	55	55	55	55	55	55
e. T Percent trucks design year (DHV)	14	14	14	14	14	14	14	14	14	14	14	14	14	15
f. T Percent trucks design year (ADT)	21	21	21	21	21	21	21	21	21	21	21	21	21	22
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design vr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads					5.0		4.6	0.5	1.4	1.0	0.3	0.1	0.2	
11. Mileage with frontage roads	4.3	2.5	0.2	4.2	0.9	5.5	2.9	1.0	0.7					1.0
12. Typical cross-section reference	30	30	61	30	30	30	30	30	30	30	61	61	30	30
13. Right -of-Way Width: Prevailing	300	300	300	320	330	330	320	270	270	270	270	270	270	270
14. Median Width: Prevailing	76	76	76	76	68	68	68	46	46	46	46	46	46	46

# Glendive

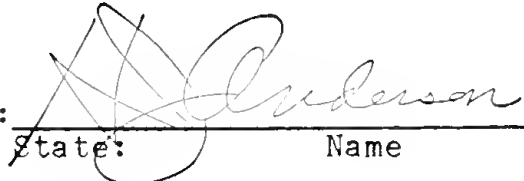
\* Section is comparable to a corresponding section in the 1972 Estimate.



TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE MontanaINTERSTATE ROUTE NO. 94Sheet 5 of 5 Sheets

ITEM	ESTIMATE SECTION								Subtotal				
	F15.1 F16	F16 F17.1	F17.1 F17.2	F17.2 F18	F18 F19	F19 F20	F20 F21				Rural	Urban	Total for Rte.
1. Section Length, miles (0.1)	1.7	1.4	2.7	12.8	4.7	4.7	5.9				244.4	3.4	247.8
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R						
3. Urban Area identification (name and code)													
4. Location: Existing, new or toll (E, N or T)	E	E	N	N	E	E	E						
5. Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1						
6. Design speed (V)	70	70	70	70	70	70	70						
7. Base year traffic (1972 ADT)	2131	2131	2131	1843	1986	1963	1692						
8. Traffic: a. Design year (19 )	87	97	97	97	91	91	91						
b. ADT Design year	3500	4050	4050	3750	3450	3700	3600						
c. DHV Design year	470	540	540	500	460	500	480						
d. D Directional distribution factors	55	55	55	55	55	55	55						
e. T Percent trucks design year (DHV)	15	15	15	15	15	15	15						
f. T Percent trucks design year (ADT)	22	22	22	22	22	22	22						
g. Assigned Corridor ADT design year													
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4						
10. Mileage without frontage roads			0.7		0.9	2.7	5.9				96.8	1.7	98.5
11. Mileage with frontage roads	1.7	1.4	2.0	12.8	3.8	2.0					147.6	1.7	149.3
12. Typical cross-section reference	30	20	20	20	30	30	30						
13. Right -of-Way Width: Prevailing	270	400	300	300	350	270	300						
14. Median Width: Prevailing	46	38	38	38	38	38	38						

Signature:  Director of Highways July 16, 1973  
 State: \_\_\_\_\_ Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_


 Division Engineer July 16, 1973  
 FHWA: \_\_\_\_\_ Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 94  
Sheet 1 of 5 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	D16 D17	D17 D18	D18 D19	D19 D20.1	D20.1 D20.2	D20.2 D21.1	D21.1 D21.2	D21.2 D22.1	D22.1 D22.2	D22.2 D23	D23 D24	D24 D25.0.1	D25.0.1 D25.0.2	D25.0.2 D26.1
	23 6.5	23 6.5	23 10.5	23 9.0	23 1.9	23 3.4	23 5.1	23 3.0	23 3.7	23 1.3	23 1.0	23 3.5	23 4.0	23 2.1
Section Length, miles (0.1)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Class: Rural or Urban (R or U)														
Urban Area identification (name and code)														
Location: Existing, new or toll (E, N or T)	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	0	0	0	4	4	4	4	4	0	2	2	2	0	2
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement Dec. 31, 1972 (PR-511)	1a(1)f	1a(1)f	1a(1)f	4a(1)	4a(1)	3a(3)	3a(3)	3a(3)	3a(3)	2a(2)f	2a(2)f	2a(2)f	1a(1)f	2a(2)f
WORK CLASSIFICATION														
1. Preliminary Engineering	5	5	8	15	3	6	8				6	19		
2. Right -of-Way														
a. Right -of-Way and acquisition								32	32	3	7	4		
b. Relocation payments and services														
3. Clear & grub														
4. Utility adjustments										1	3	3		5
5. Grade & drain; minor structures				1953		2	2	1		134	70	331		207
6. Subbase; base; surfacing; shoulders				1540	322	633	950	493		98	75	311		146
7. R.R. grade separations														
8. Highway grade separations without ramps				735						23	23	23		11
9. Interchanges				5	4	63		3			62			
10. Other bridges; tunnels				192						638				
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices				218	6	45	68	38		13	12	60		21
b. Motorist service signs						0		1						
c. Safety improvements on completed sections	209	209	337										127	
13. Roadside improvement														
a. Erosion Control				219				8		3	2	8		4
b. Landscape Planting														
c. Safety rest areas							355							
d. Scenic overlooks														
14. All other items				149		28	43	21						16
15. Subtotal, lines 3 to 14	209	209	337	5011	332	771	1418	565		910	247	736	127	410
16. Construction Engineering & Contingencies, 10% of Line 15	31	31	51	752	50	116	213	85		137	37	110	19	62
17. Total Cost of Construction, Lines 15 & 16	240	240	388	5763	382	887	1631	650		1047	284	846	146	472
18. Total Estimate Cost, line 1, 2 & 17	245	245	396	5778	385	893	1639	682	32	1050	297	869	146	472

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 94  
Sheet 2 of 5 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	D26.1	D26.2	D27	F1	F2.1	F2.2	F3	F4	F4.1	F5	F6	F6.1	F7	F8
	D26.2	D27	F1	F2.1	F2.2	F3	F4	F4.1	F5	F6	F6.1	F7	F8	F9.0.1
Section Length, miles (0.1)	23	23	23	23	20	20	23	23	20	20	20	21	23	20
Class: Rural or Urban (R or U)	5.6	4.1	5.8	7.2	1.6	5.4	2.9	2.7	4.4	4.5	7.5	0.7	4.9	8.1
Urban Area identification (name and code)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll (E, N or T)	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	2	2	2	0	0	0	4	4	0	0	0	0	2	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement Dec. 31, 1972 (PR-511)	2a(2)f	2a(2)f	2a(2)f	2a(1)f	1a(1)f	1a(1)f	4a(1)	4a(1)	1a(1)f	1a(1)f	1a(1)f	2a(2)f	2a(2)f	1a(1)f
WORK CLASSIFICATION														
1. Preliminary Engineering							10	10						
2. Right -of-Way														
a. Right -of-Way and acquisition				7										
b. Relocation payments and services														
3. Clear & grub														
4. Utility adjustments	13	9	13											
5. Grade & drain; minor structures	551	403	571				456	424					682	
6. Subbase; base; surfacing; shoulders	388	284	402				408	380					397	
7. R.R. grade separations														
8. Highway grade separations without ramps	13	21	158					207					72	
9. Interchanges	192	113					1050						224	
10. Other bridges; tunnels		147											61	
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices	55	40	57				69	64					49	
b. Motorist service signs	4						5						0	
c. Safety improvements on completed sections														
13. Roadside improvement														
a. Erosion Control	12	9	12				78	73					32	
b. Landscape Planting	4	2					2							
c. Safety rest areas	304													
d. Scenic overlooks														
14. All other items	43	31	44				33	33					47	
15. Subtotal, lines 3 to 14	1579	1059	1257	-			2101	1181					1564	
16. Construction Engineering & Contingencies, 10% of Line 15	237	159	189	-			315	177					235	
17. Total Cost of Construction, Lines 15 & 16	1816	1218	1446	-			2416	1358					1799	
18. Total Estimate Cost, line 1, 2 & 17	1816	1218	1446	7			2426	1368					1799	

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 94  
Sheet 3 of 5 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	F9.0.1 E9.0.2	F9.0.2 E9.0.3	E9.0.3 F10	F10 E11	F11 F12	F12 E13	F13 F14	F14 F14.1	F14.1 E15.1	E15.1 F1	F1 F2	F2 F3	F3 F4	F4 F5
	23	23	23	23	21	21	21	22	22	23	23	20	20	23
Section Length, miles (0.1)	6.3	0.8	1.4	1.2	3.0	4.9	1.8	0.7	5.1	8.9	6.3	4.1	4.0	2.2
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Urban Area Identification (name and code)														
Location: Existing, new or toll (E, N or T)	N	N	N	N	N	N	N	F	F	N	N	N	N	N
Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	2	2	2	2	0	0	0	2	4	0	0	0	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement Dec. 31, 1972 (PR-511)	2a(2)f	1a(1)f	2a(2)f	2a(1)f	2a(1)f	2a(1)f	2a(1)f	2a(1)f	4a(3)	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f
WORK CLASSIFICATION														
1. Preliminary Engineering								16	118					2
2. Right -of-Way								16	182					
a. Right -of-Way and acquisition														
b. Relocation payments and services														
3. Clear & grub														
4. Utility adjustments									2					
5. Grade & drain; minor structures	825	105	183	157				127	945					
6. Subbase; base; surfacing; shoulders	528	67	117	101				65	985					
7. R.R. grade separations														
8. Highway grade separations without ramps	126		31	12					38					
9. Interchanges	8	36		2				232			175			
10. Other bridges; tunnels														
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices	115	15	25	22				14	51		17			
b. Motorist service signs	0	2												
c. Safety improvements on completed sections														70
13. Roadside improvement														
a. Erosion Control	41	5	9	8				2	11		17			
b. Landscape Planting								38			2			
c. Safety rest areas										249				
d. Scenic overlooks														
14. All other items	93	12	21	18							6			
15. Subtotal, lines 3 to 14	1730	242	386	320				478	2032	249	217			70
16. Construction Engineering & Contingencies, 10% of Line 15	260	36	58	48				72	305	37	33			11
17. Total Cost of Construction, Lines 15 & 16	1996	278	444	368				550	2337	286	250			81
18. Total Estimate Cost, line 1, 2 & 17	1996	278	444	368				582	2637	286	250			83

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 94  
Sheet 4 of 5 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	F5 F6	F6 F7	F7 F8	F8 F9	F9 F10	F10 F11	F11 F12	F12 F13.1	F13.1 F13.2	F13.2 F13.3	F13.3 F14	F14 F14.1	F14.1 F15	F15 F15.1
	23	23	23	22	22	21	22	23	23	23	23	23	23	22
Section Length, miles (0.1)	4.3	2.5	0.2	4.2	5.9	5.5	7.5	1.5	2.1	1.0	0.3	0.1	0.2	1.0
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	U*	F	F	U*	U*	U*
Urban Area identification (name and code)									360#			360#	360#	360#
Location: Existing, new or toll (E, N or T)	N	N	N	F	E	E	E	N	N	N	N	N	N	E
Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	0	4	4	4	0	0	4	0	0	0	0	0	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement Dec. 31, 1972 (PR-511)	1a(1)f	4a(1)	4a(1)	4a(1)	3a(2)	3a(2)	4a(1)	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f
WORK CLASSIFICATION														
1. Preliminary Engineering	4	14	1	24				2	2					
2. Right -of-Way														
a. Right -of-Way and acquisition		45												
b. Relocation payments and services														
3. Clear & grub														
4. Utility adjustments														
5. Grade & drain; minor structures		620	50	1042			1355							
6. Subbase; base; surfacing; shoulders		489	39	822			1371							
7. R.R. grade separations		364												
8. Highway grade separations without ramps				226										
9. Interchanges		326		0			731							
10. Other bridges; tunnels			4515	58										
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices		63	5	105			119							
b. Motorist service signs		4					1							
c. Safety improvements on completed sections	136							48	67	32	10	3	6	32
13. Roadside improvement														
a. Erosion Control		47	4	79			85							
b. Landscape Planting		2					4							
c. Safety rest areas					322									
d. Scenic overlooks							106							
14. All other items		40	3	67										
15. Subtotal, lines 3 to 14	136	1955	4616	2399	322		3772	48	67	32	10	3	6	32
16. Construction Engineering & Contingencies, 10% of Line 15	20	293	692	360	48		566	7	10	5	2	0	1	5
17. Total Cost of Construction, Lines 15 & 16	156	2248	5308	2759	370		4338	55	77	37	12	3	7	37
18. Total Estimate Cost, line 1, 2 & 17	160	2307	5309	2783	370		4338	57	79	37	12	3	7	37

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\* Section is comparable to a corresponding section in the 1972 Estimate.

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 94  
Sheet 5 of 5 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE								Subtotal			
	F15.1 F16	F16 F17.1	F17.1 F17.2	F17.2 F18	F18 F19	F19 F20	F20 F21			Rural	Urban	Total for R+e.
	22 1.7	22 1.4	23 2.7	23 12.8	21 4.7	21 4.7	22 5.9			244.4	3.4	247.8
Section Length, miles (0.1)												
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R					
Urban Area identification (name and code)												
Location: Existing, new or toll (E, N or T)	E	E	N	N	E	E	F					
Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1					
No. Lanes to be constructed this estimate	0	2	2	2	0	0	0					
No. through traffic lanes	4	4	4	4	4	4	4					
Status of improvement Dec. 31, 1972 (PR-511)	1a(1)f	2a(2)f	2a(2)f	2a(2)f	2a(1)f	2a(1)f	2a(1)f					
WORK CLASSIFICATION												
1. Preliminary Engineering										276	2	278
2. Right -of-Way												
a. Right -of-Way and acquisition										328		328
b. Relocation payments and services												
3. Clear & grub												
4. Utility adjustments										49		49
5. Grade & drain; minor structures		198	381	1808						13583		13583
6. Subbase; base; surfacing; shoulders		157	304	1439						13311		13311
7. R.R. grade separations										364		364
8. Highway grade separations without ramps		163		143						2025		2025
9. Interchanges				476						3702		3702
10. Other bridges; tunnels				73						5684		5684
11. Walls												
12. Traffic control and safety improvements												
a. Guardrail; fencing; lighting; traffic control devices		16	30	144						1556		1556
b. Motorist service signs				1						18		18
c. Safety improvements on completed sections	54									1232	108	1340
13. Roadside improvement												
a. Erosion Control		21	40	191						1020		1020
b. Landscape Planting				4						58		58
c. Safety rest areas										1230		1230
d. Scenic overlooks		40		143			40			329		329
14. All other items		14	27	127						916		916
15. Subtotal, lines 3 to 14	54	609	782	4549			40			45077	108	45185
16. Construction Engineering & Contingencies, 10% of Line 15	8	91	117	682			6			6763	16	6779
17. Total Cost of Construction, Lines 15 & 16	62	700	899	5231			46			51840	124	51964
18. Total Estimate Cost, line 1, 2 & 17	62	700	899	5231			46			52444	126	52570

Signature: [Signature] Director of Highways July 16, 1973  
 State: \_\_\_\_\_ Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
 FHWA: H. M. Stewart Division Engineer July 16, 1973  
 Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_



TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES AND SAFETY REST AREAS  
BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE Montana

INTERSTATE ROUTE NO. 94  
Sheet 1 of 5 Sheets

[illegible]

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES AND SAFETY REST AREAS  
BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE Montana

INTERSTATE ROUTE NO. 94  
Sheet 2 of 5 Sheets

[illegible]

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES AND SAFETY REST AREAS  
BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE Montana

INTERSTATE ROUTE NO. 94  
Sheet 3 of 5 Sheets

[illegible]

TABLE C-1 · COST ESTIMATE AND NUMBER OF STRUCTURES AND SAFETY REST AREAS  
BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE Montana

INTERSTATE ROUTE NO. 94  
Sheet 4 of 5 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	F5 F6	F6 F7	F7 F8	F8 F9	F9 F10	F10 F11	F11 F12	F12 F13.1	F13.1 F13.2	F13.2 F13.3	F13.3 F14	F14 F14.1	F14.1 F15	F15 F15.1
	23	23	23	22	22	21	22	23	23	23	23	23	23	22
Section length, miles (0.1)	4.3	2.5	0.2	4.2	5.9	5.5	7.5	1.5	2.1	1.0	0.3	0.1	0.2	1.0
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	U*	R	R	U*	U*	U*
Urban Area identification (name and code)									360#			360#	360#	360#
Location: Existing, new or toll (E, N or T)	N	N	N	F	F	F	E	N	N	N	N	N	N	E
Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	0	4	4	4	0	0	4	0	0	0	0	0	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement, Dec. 31, 1972 (PR-511)	1a(1)f	4a(1)	4a(1)	4a(1)	3a(2)	3a(2)	4a(1)	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f
ESTIMATED COSTS (\$1,000) AND NUMBER OF UNITS														
Item No. From Table C	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units
7. R.R. grade separations - Total cost														
a. No. to be constructed		1												
Cost		364												
b. No. in service or authorized									1					
Cost														
8. Highway grade separations without ramps-Total Cost														
a. No. to be constructed				1										
Cost				226										
b. No. in service or authorized	1				1			1	1					
Cost														
9. Interchanges - Total Cost														
a. No. to be constructed		1					2							
Cost		326					731							
b. No. in service or authorized					1	1		2	1					1
Cost														
10. Other bridges and tunnels - Total cost														
a. No. to be constructed			1	1										
Cost			4515	58										
b. No. in service or authorized	1								1		1			
Cost														
ESTIMATED COSTS (\$1,000) AND NUMBER OF SAFETY REST AREAS														
13c. Safety rest areas - Total cost														
a. No. to be constructed					1									
Cost					322									
b. No. in service or authorized														
Cost														

# Glendive

\* Section is comparable to a corresponding section in the 1972 Estimate.

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES AND SAFETY REST AREAS  
BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE Montana

INTERSTATE ROUTE NO. 94  
Sheet 5 of 5 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE											Subtotal		
	F15.1 F16	F16 F17.1	F17.1 F17.2	F17.2 F18	F18 F19	F19 F20	F20 F21					Rural	Urban	Total for hte.
	22	22	23	23	21	21	22							
Section length, miles (0.1)	1.7	1.4	2.7	12.8	4.7	4.7	5.9					244.4	3.4	247.8
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R							
Urban Area identification (name and code)														
Location: Existing, new or toll (E, N or T)	E	E	N	N	E	F	E							
Mileage increment: Code 1, 2, or 3	1	1	1	1	1	1	1							
No. Lanes to be constructed this estimate	0	2	2	2	0	0	0							
No. through traffic lanes	4	4	4	4	4	4	4							
Status of improvement, Dec. 31, 1972 (PR-511)	1a(1)f	2a(2)f	2a(2)f	2a(2)f	2a(1)f	2a(1)f	2a(1)f							
ESTIMATED COSTS (\$1,000) AND NUMBER OF UNITS														
Item No. From Table C	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units
7. R.R. grade separations - Total cost														
a. No. to be constructed												1		1
Cost												364		364
b. No. in service or authorized												3	1	4
Cost														
8. Highway grade separations without ramps-Total Cost														
a. No. to be constructed		1		1								24		24
Cost		163		143								2025		2025
b. No. in service or authorized												24	1	25
Cost														
9. Interchanges - Total Cost														
a. No. to be constructed				2								21		21
Cost				476								3702		3702
b. No. in service or authorized					1	2	1					24	2	26
Cost														
10. Other bridges and tunnels - Total cost														
a. No. to be constructed				1								8		8
Cost				73								5684		5684
b. No. in service or authorized						1						12	1	13
Cost														
ESTIMATED COSTS (\$1,000) AND NUMBER OF SAFETY REST AREAS														
13c. Safety rest areas - Total cost														
a. No. to be constructed												6		6
Cost												1230		1230
b. No. in service or authorized				2								5		5
Cost														

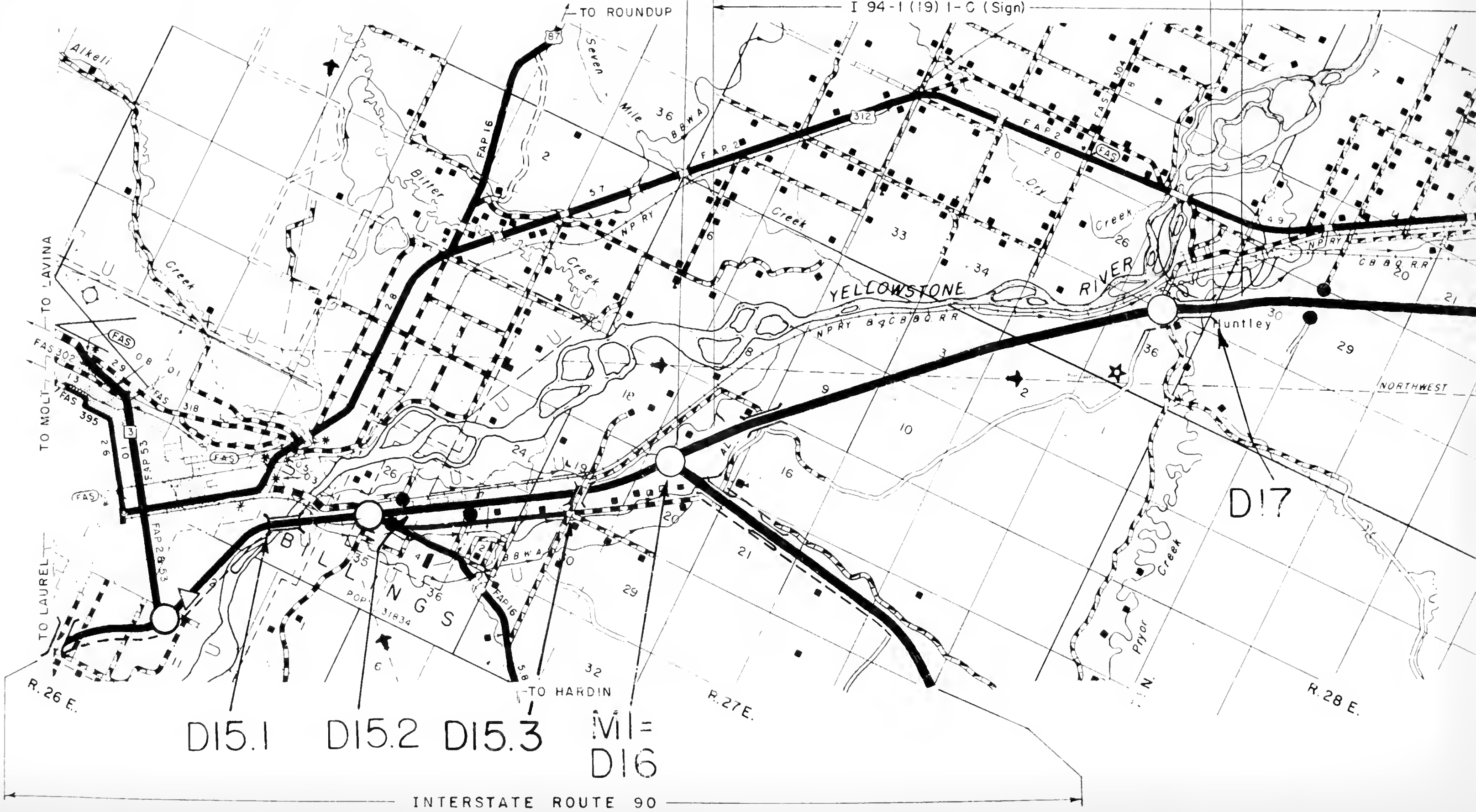
Signature: [Signature] Director of Highways July 16, 1973  
State: \_\_\_\_\_ Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

[Signature] Division Engineer July 16, 1973  
FHWA: \_\_\_\_\_ Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

I 94-0(1)PE C(Safety)  
Entire Route

I-94-I-(1)O E-R  
I 94 I (11) O C (Rd, Str, Fence, Sign 6.1 Mi)  
I-94-I (14) O-C (0.7 mi) (Rd Str Fence Sign)  
I 94-I (20) O-E  
I 94-I (24) O C (Seeding)  
I 94-I (19) I-C (Sign)

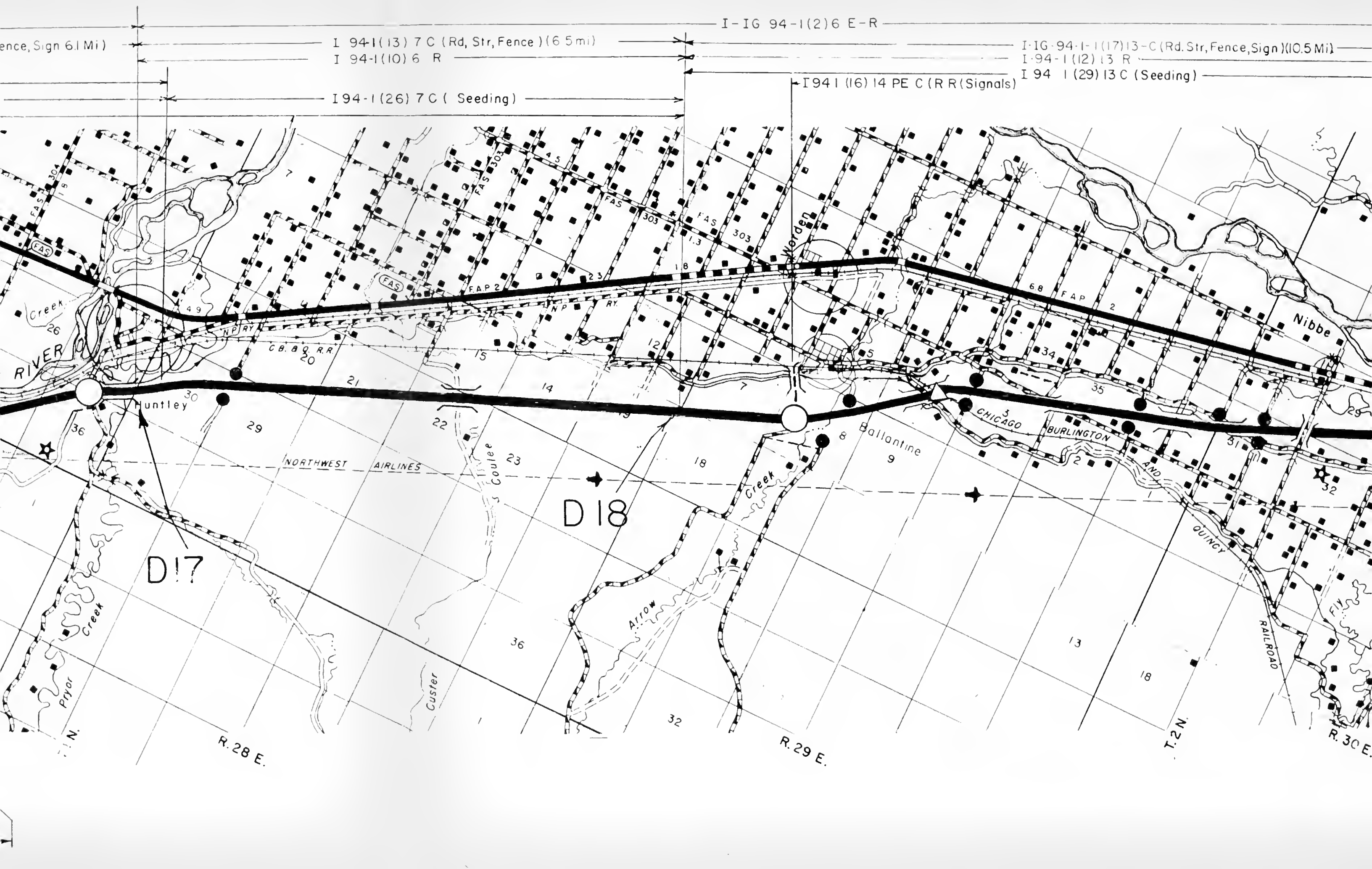
I 94-I  
I 94-I  
I 94-I



DI5.1 DI5.2 DI5.3 MI = DI6

INTERSTATE ROUTE 90





ence, Sign 6.1 Mi)

I 94-1(13) 7 C (Rd, Str, Fence) (6.5 mi)

I 94-1(10) 6 R

I-IG 94-1(2) 6 E-R

I-IG-94-1-1(17) 13-C (Rd, Str, Fence, Sign) (10.5 Mi)

I-94-1(12) 13 R

I 94 1(29) 13 C (Seeding)

I 94-1(26) 7 C (Seeding)

I 94 1(16) 14 PE C (R R (Signals))

D17

D18

R. 28 E.

R. 29 E.

T. 2 N.

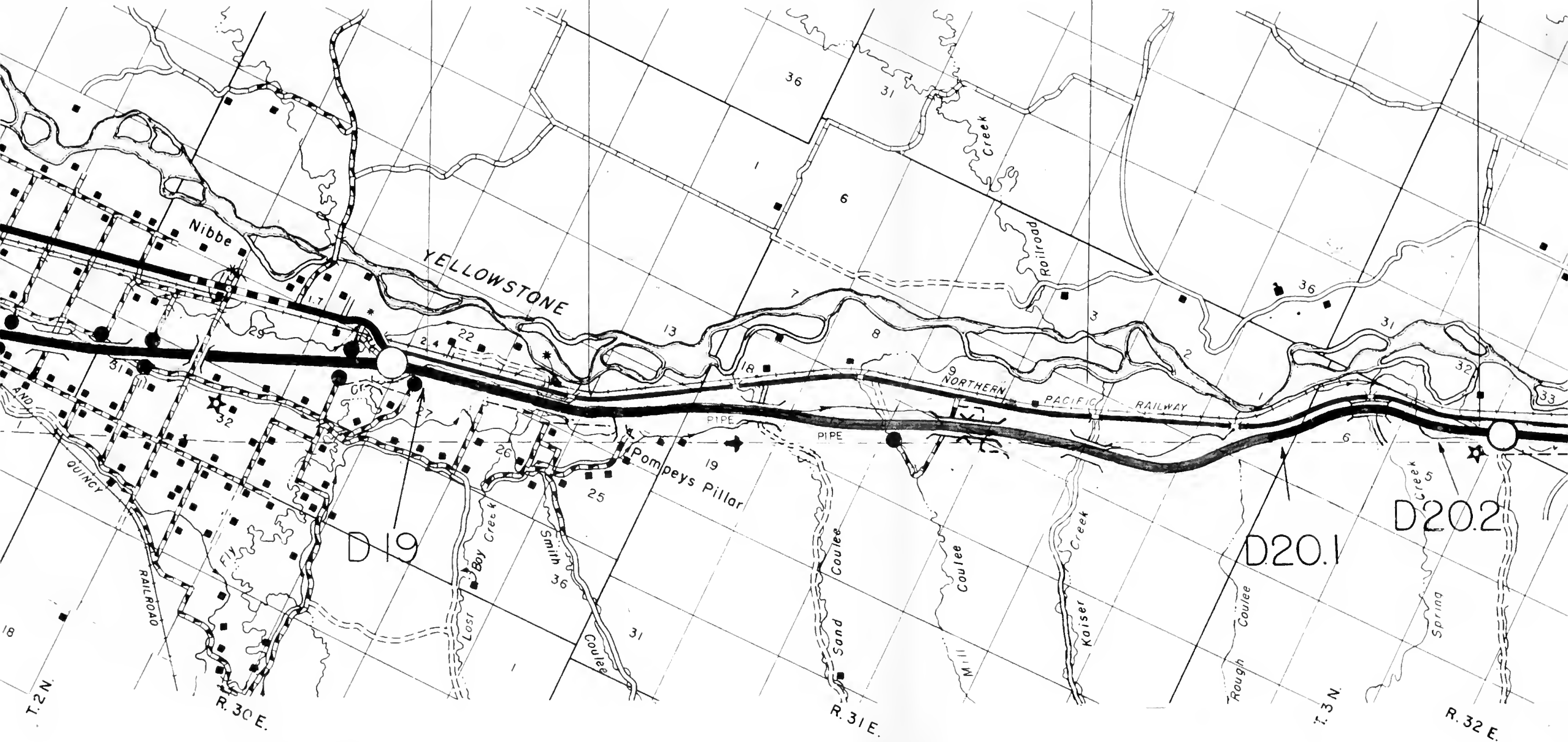
R. 30 E.

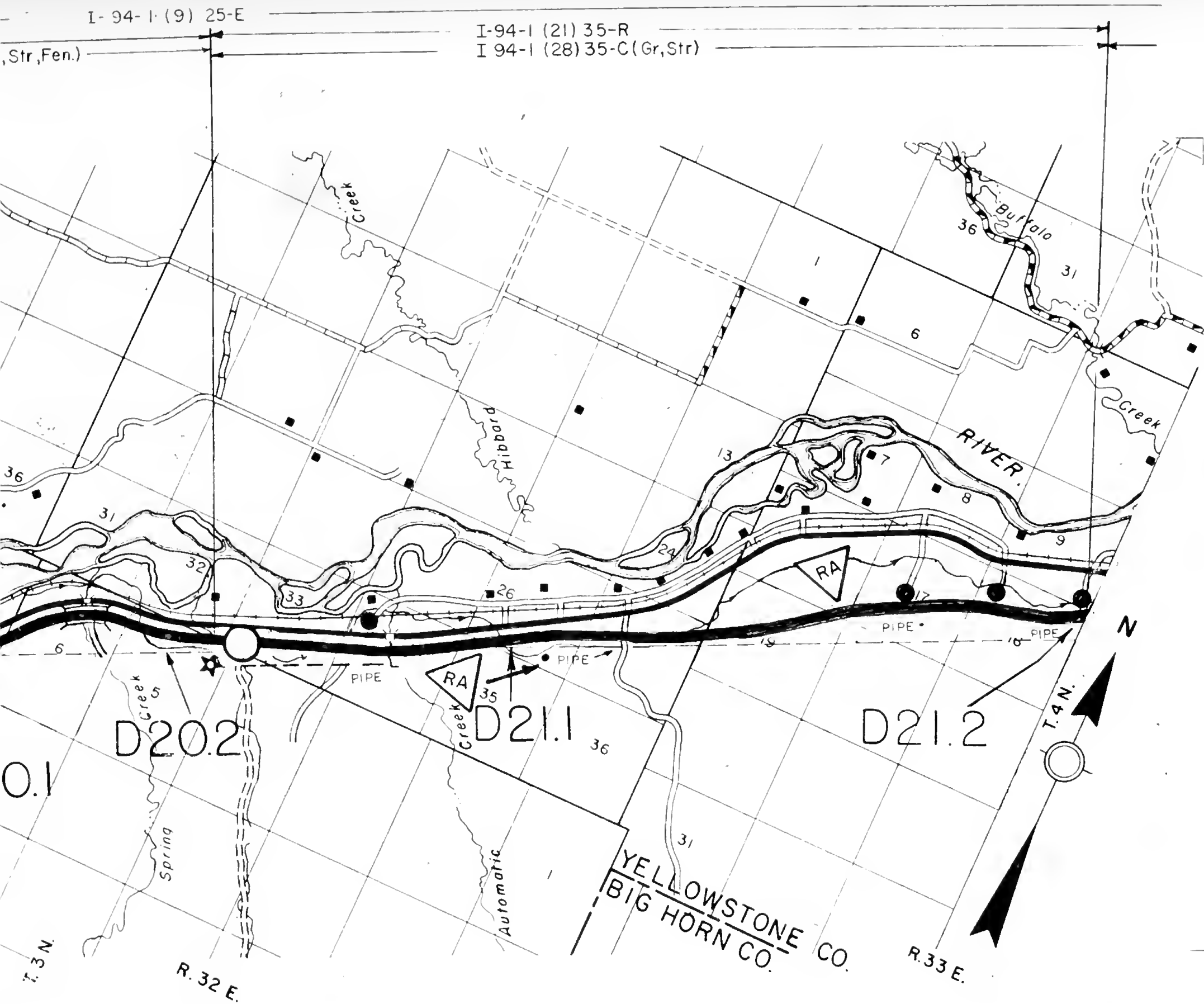
13-C (Rd, Str, Fence, Sign) (10.5 Mi)  
R  
C (Seeding)

I 94-1 (25) 23 R

I- 94- 1 (9) 25-E

I 94 1 (39) 30 C (Gr, Str, Fen.)





## LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS-ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

SCALE IN MILES  
0 1 2 3 4

# MONTANA

## INTERSTATE ROUTE 94

Sheet 1 of 5

Date December 31, 1972







I 94-2(3)55-R  
I 94-2(5)55 - C (6.4 Mi. Rd. Fence)  
I 94-2(7)51- C (Sign)  
I 94-2(9)51- C (Seed)  
HAM

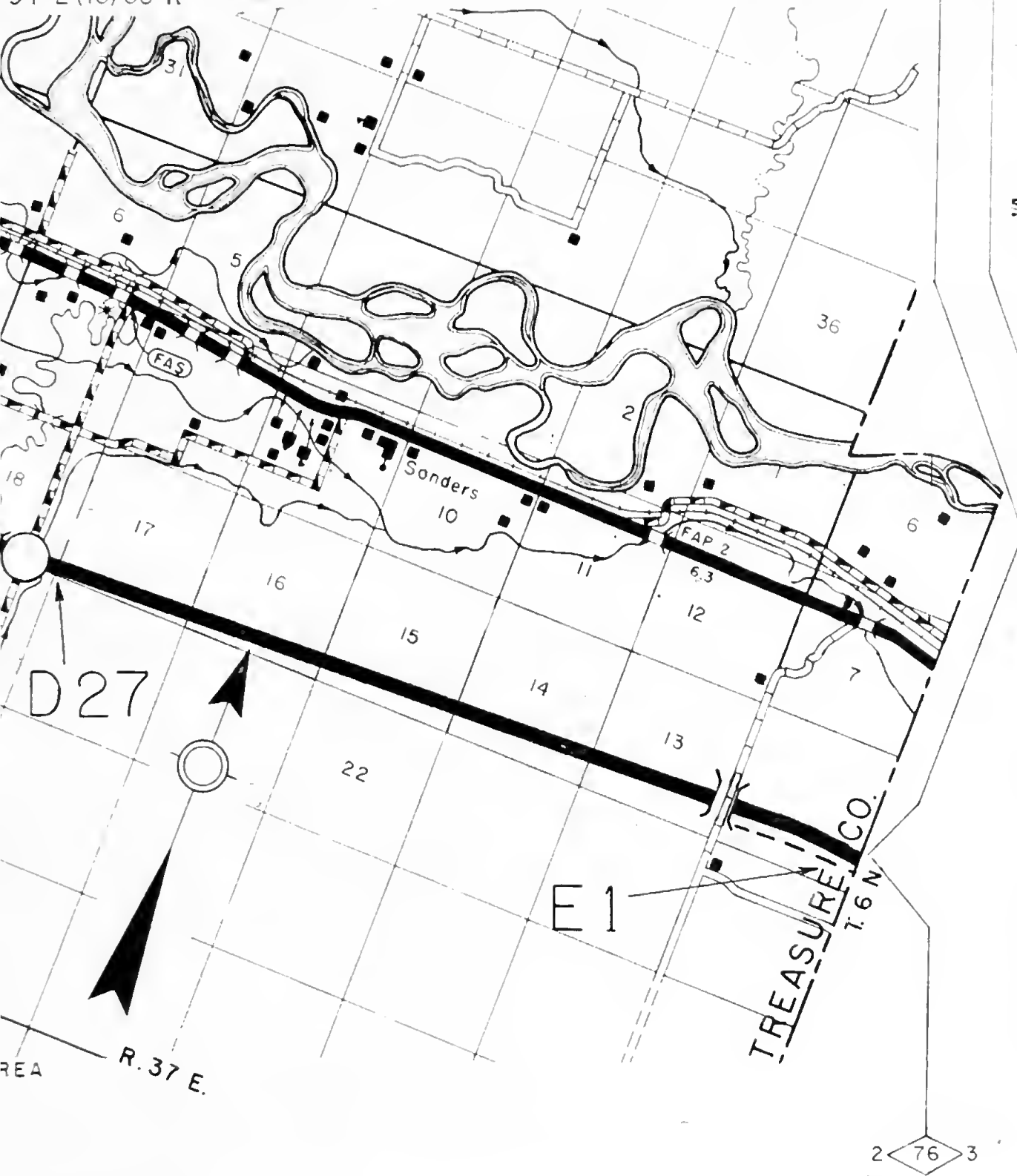
I-94-2(1)51 E  
I 94-2(6)61-C (5.6Mi Rd Str Fence)  
LS I 94-2(1)63 C (Rest Area)

I-94-2(8)67 R  
I 94-2(11)67 C (Rd Str Sign Fence) (99 mi)  
I-94-2(12)67-C (Seeding)  
I 94-2(14)60 PE  
I 94-2(16)60 R

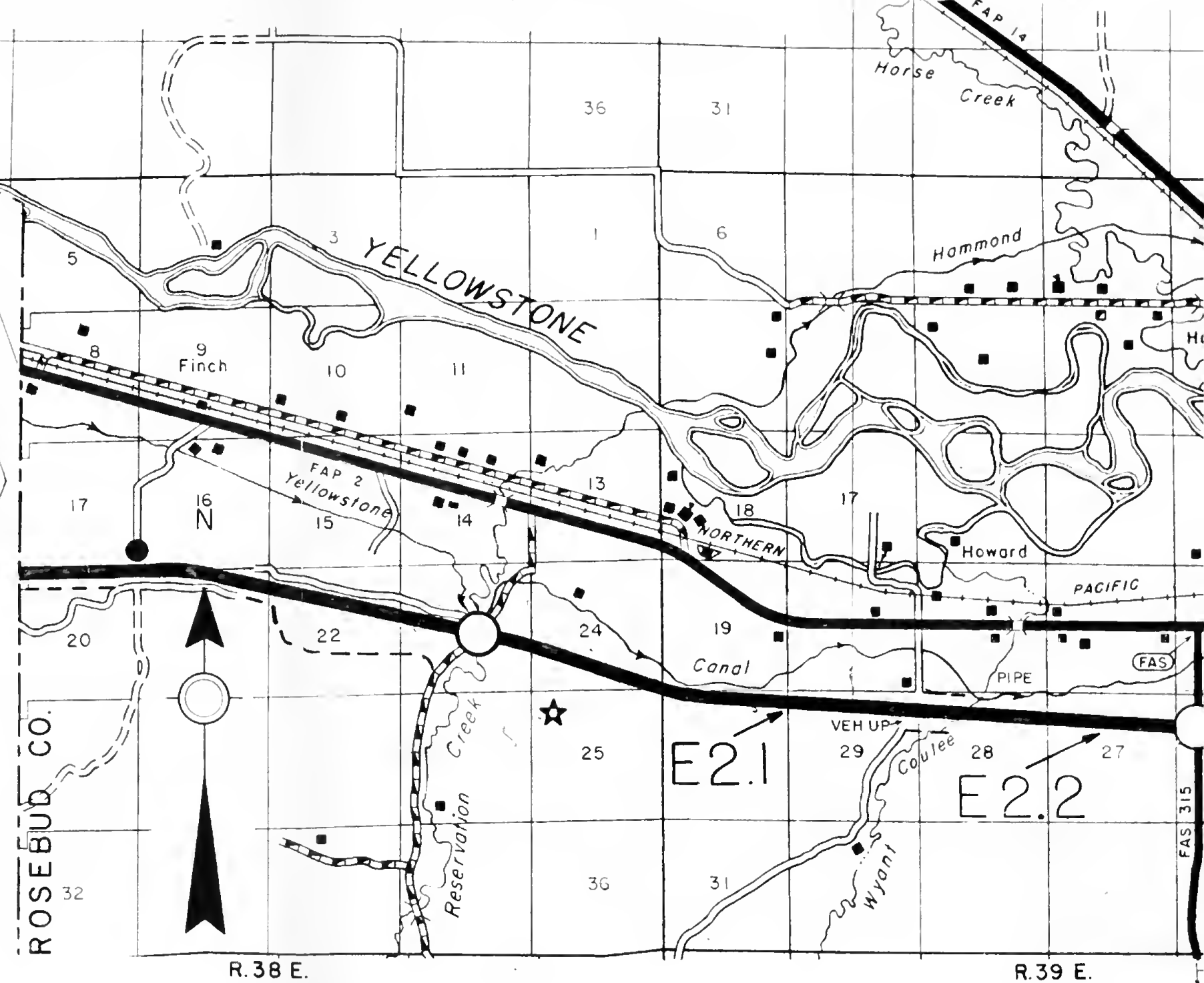
D25.0.2 D26.1

TREASURE CO.

94-2(8)67 R  
 94 2(11)67 C (Rd, Str, Sign, Fence) (99 mi)  
 94-2(12)67-C (Seeding)  
 94 2(14)60 PE  
 94 2(16)60 R



I 94 3(9)76 R  
 I 94 3(12)76 (Rd, Str, Sign, Fence) (7.2 mi)  
 I 94 3(15)76 - C (Seeding)  
 I 94 3(17)76 - PE  
 I 94 3(19)76 R  
 I 94 3(25)76 (Gra, Surf, Str.)



ROSEBUD





I 16 94-3(5)91-E

I 94-3(14)95-R

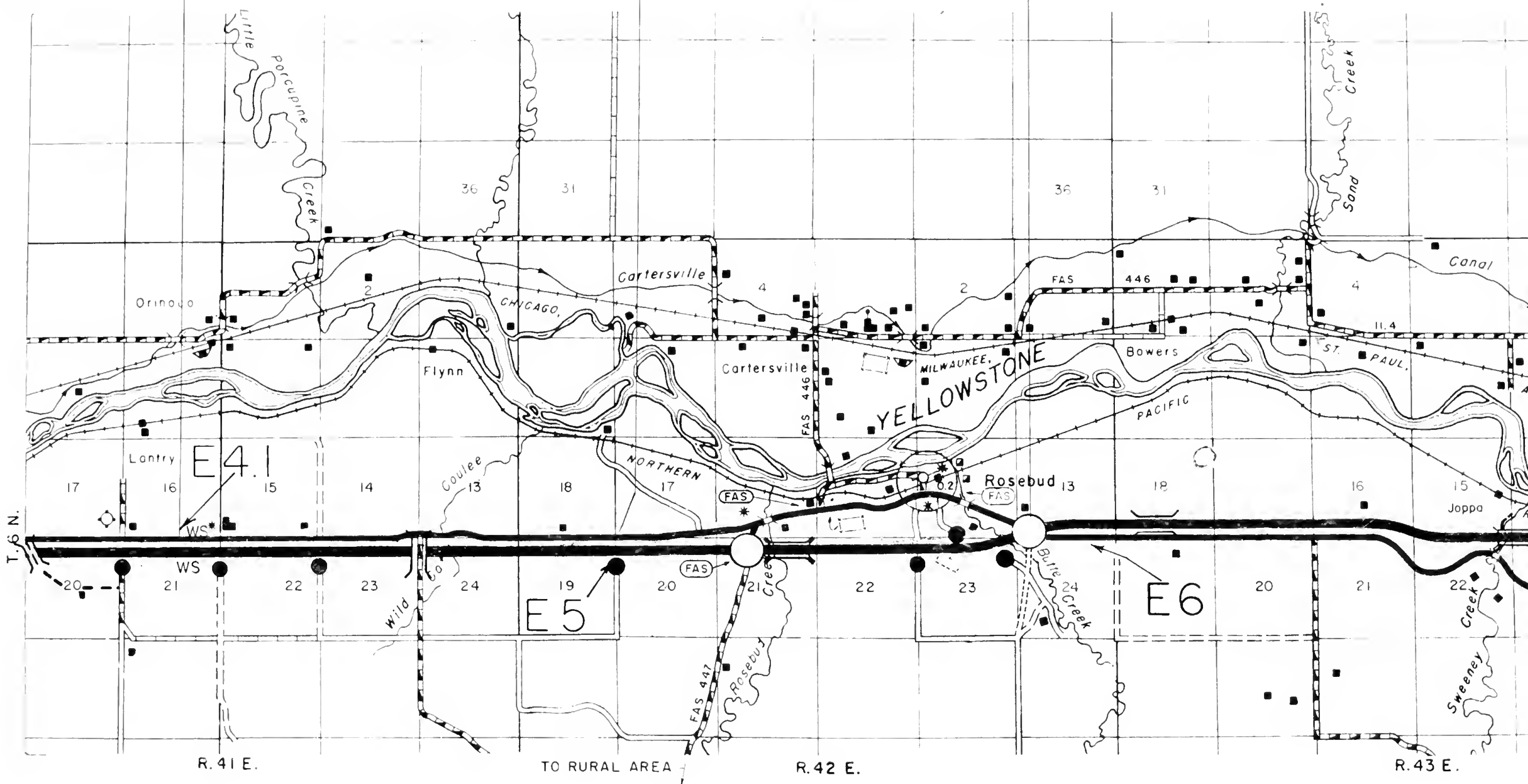
I 94-3(26)95-C (Rd, Sign, Seed, Weigh Sta.)

I 94-3(6)101-E

I-94-3(11)105 R-IC

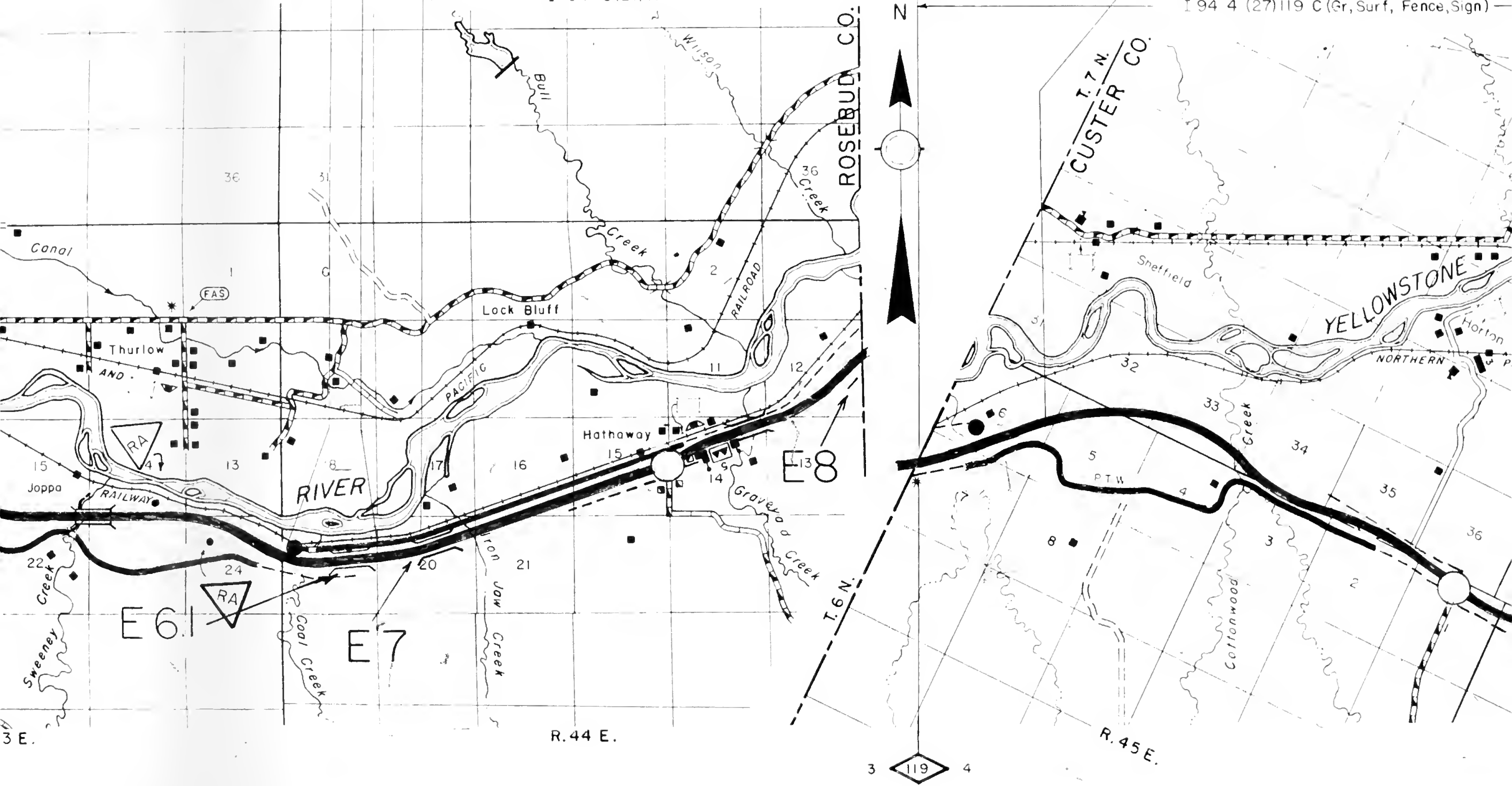
I 94 3 (23)105-C (Rd, Str, Sign, Fe

I 94 3 (30)105 C Dual RA, Lands

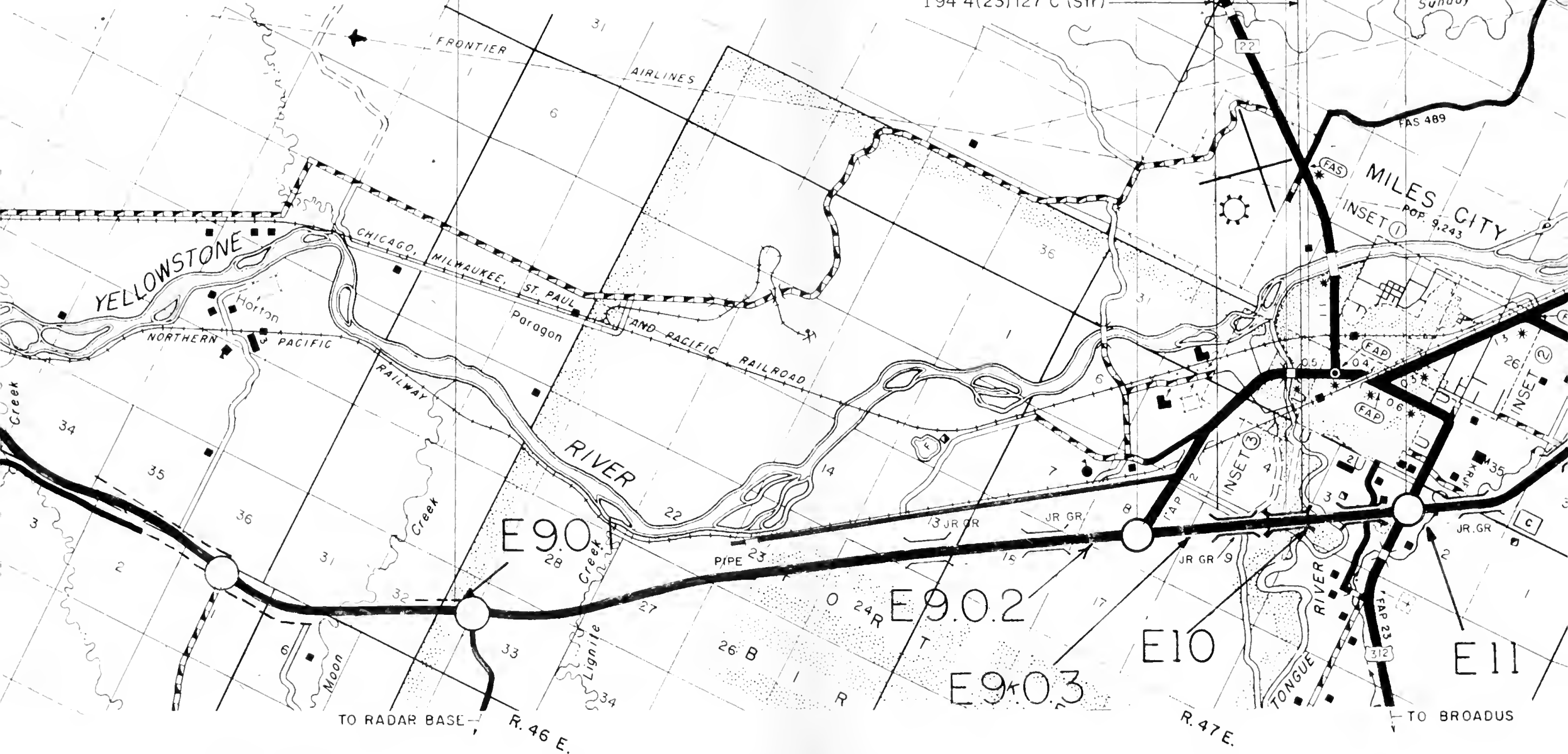


ROSEBUD CO.

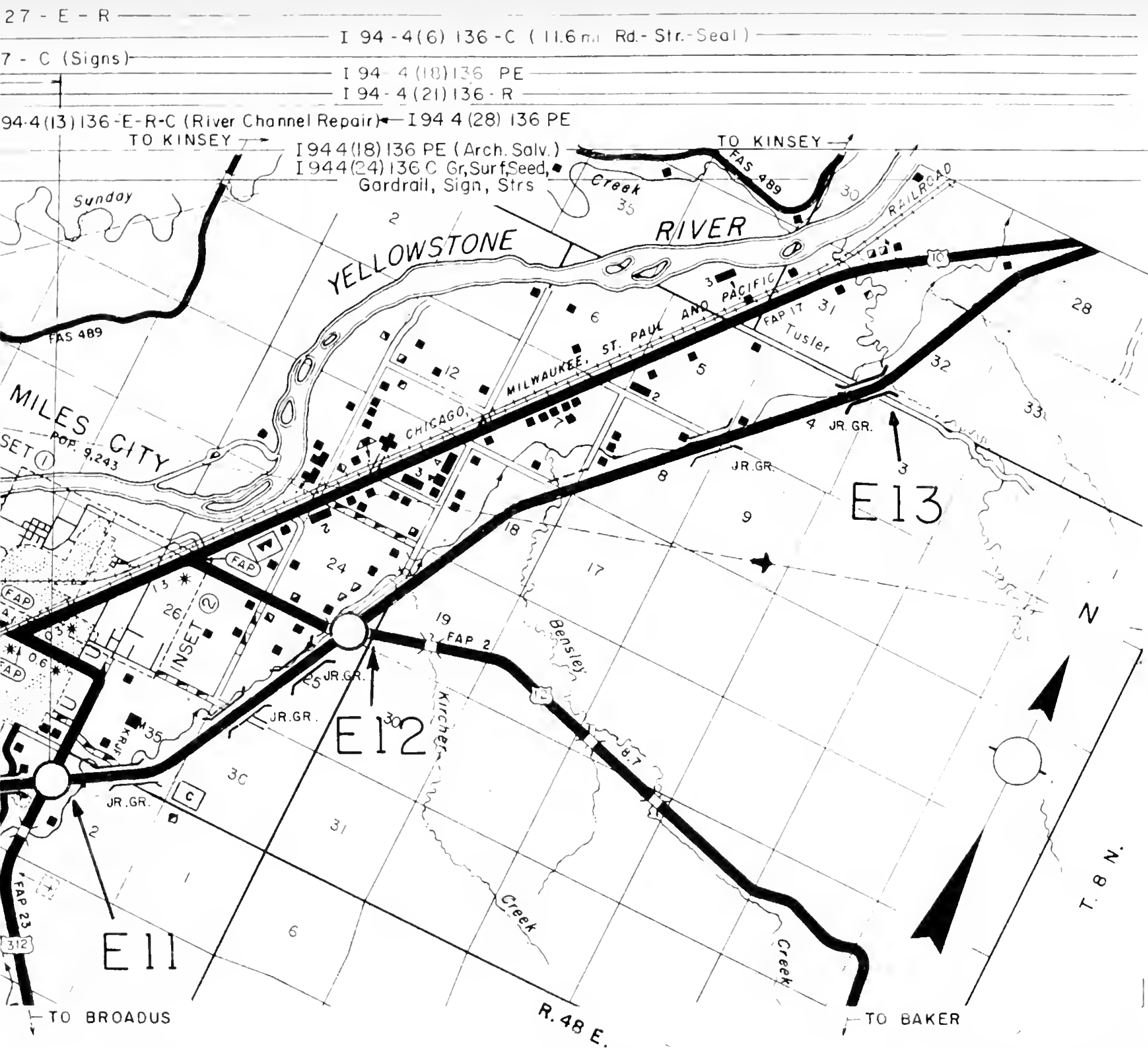
- IC
- (Rd, Str, Sign, Fence)
- Dual RA, Landscape
- I 94-3(1)113-E
- I 94-3(2)114-R
- I 94-3(3)114-C(4.9mi.Rd-Str-Fence Seal)
- I 94-3(7)114-C (Signs)
- I 94-3(8)114-C (Seeding)
- I 94-3(20)114-PE
- I 94-3(21)114-R
- I 94-4(4)119-E
- I 94-4(7)119-R
- I 94-4(9)119-C(1.3mi.Rd-Fence)
- I 94-4(8)120-C(7.3mi.Rd-Str-Fence)
- I 94-4(12)119-C (Signs)
- I 94-4(16)119-E (8.6 Mi)
- I 94-4(20)119-R
- I 94-4(27)119-C(Gr, Surf, Fence, Sign)



- 4 (4) 119 - E  
 - 4 (7) 119 - R  
 I 94-4 (8) 120-C (7.3 mi. Rd. Str. Fence Seal)  
 - 4 (12) 119-C (Signs)  
 - 4 (16) 119-E (86 Mi)  
 - 4 (20) 119 R  
 4 (27) 119 C (Gr, Surf, Fence, Sign)  
 I 94-4 (5) 127-C (8.5 mi. Rd. Str.)  
 I 94-4 (11) 119-C (Seeding)  
 I 94-4 (19) 127-R  
 I 94-4 (17) 127 PE-  
 I 94 4(28) 136 PE R  
 I 94 4( f ) 136 U90 (Dike)  
 I 94 4(23) 127 C (Str)  
 I 94-4 (1) 127 - E - R  
 I 94-4 (10) 127 - C (Signs)  
 I 94-4(3) 134-C (Strs)  
 I 94-4(13) 136-E-R-C (River C)



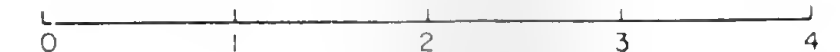
CUSTER CO.



## LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4 - 5
- INTERSTATE LOCATION STEP 1 - 2 - 3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY - RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

SCALE IN MILES



# MONTANA

INTERSTATE ROUTE 94

Sheet 3 of 5

Date December 31, 1972



I-94-4(1)127 E-R

I 94 4 (14) 148-E

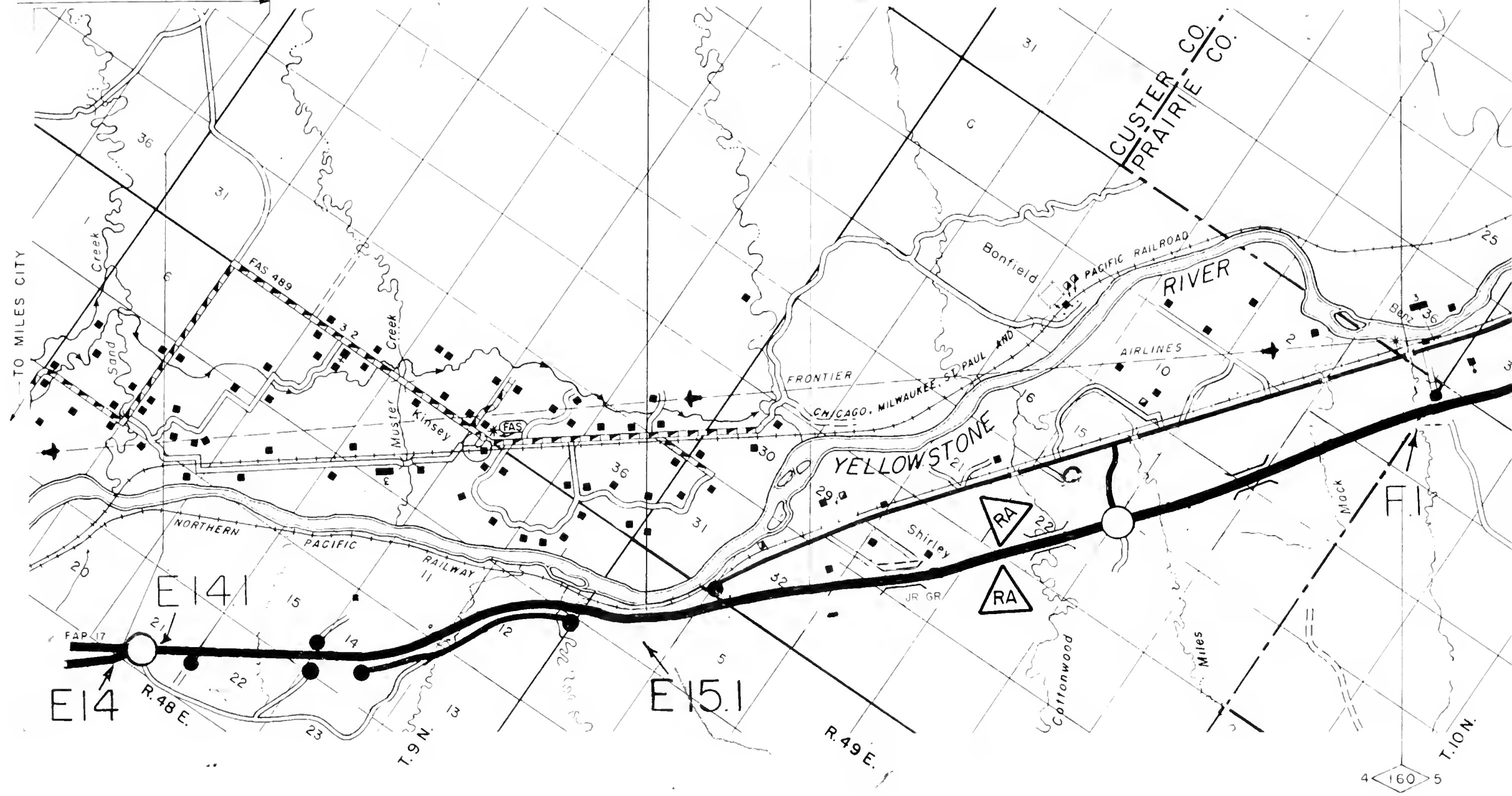
I-94-4 (2) 153 E

I-94-4 (22) 153-R

I 94-4 (25) 153-C (Gr, Str, Fen)

I 94 4 (29) 153 C (89 Mi Surf, PMB, Sign)

I 94 4 (31) 153 PE-C (Safety)



CUSTER CO.



I-94-5(1)160-E

I-16

I 94-5(6) 160-R

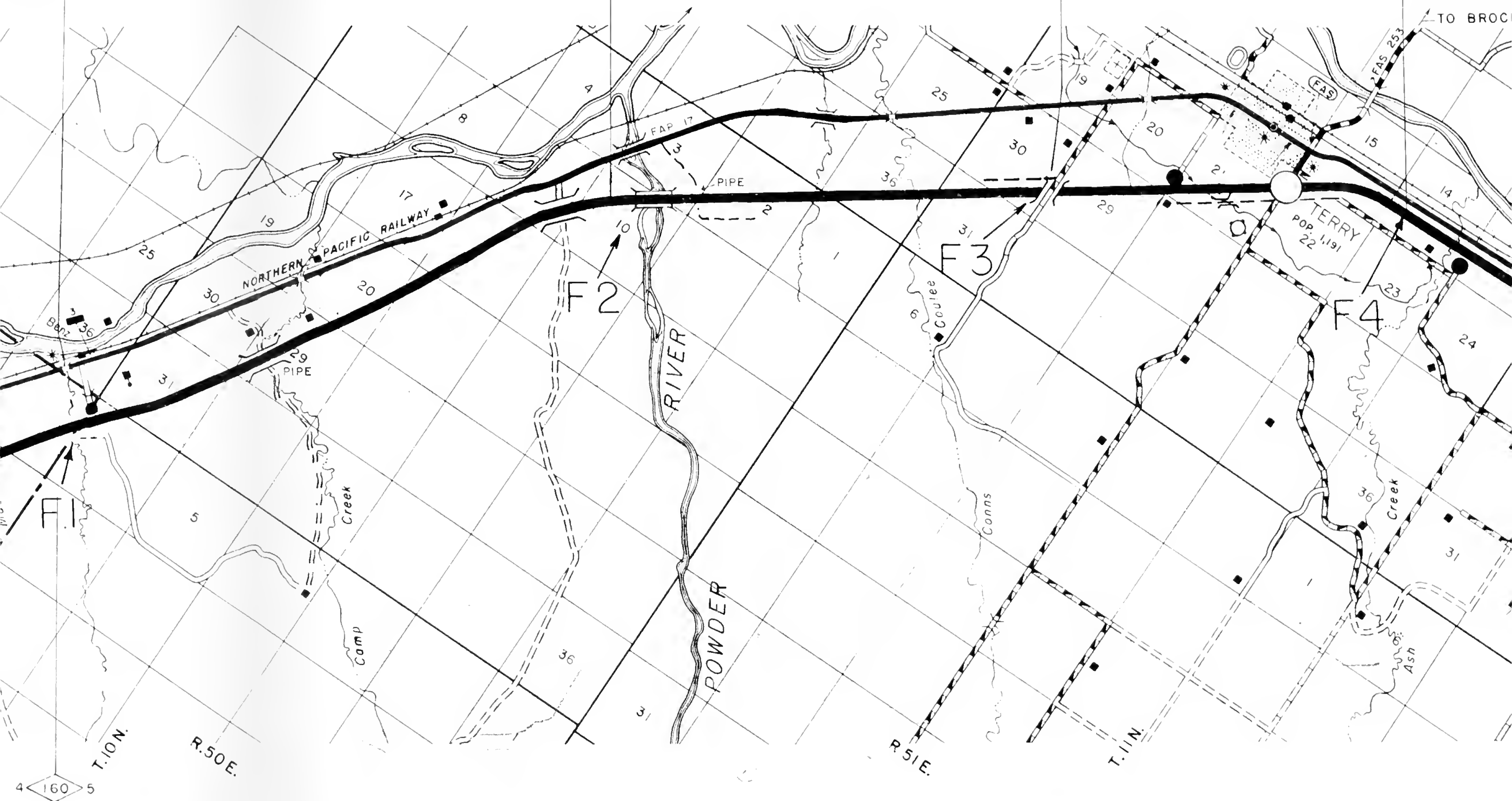
I 94-5(5)166-R

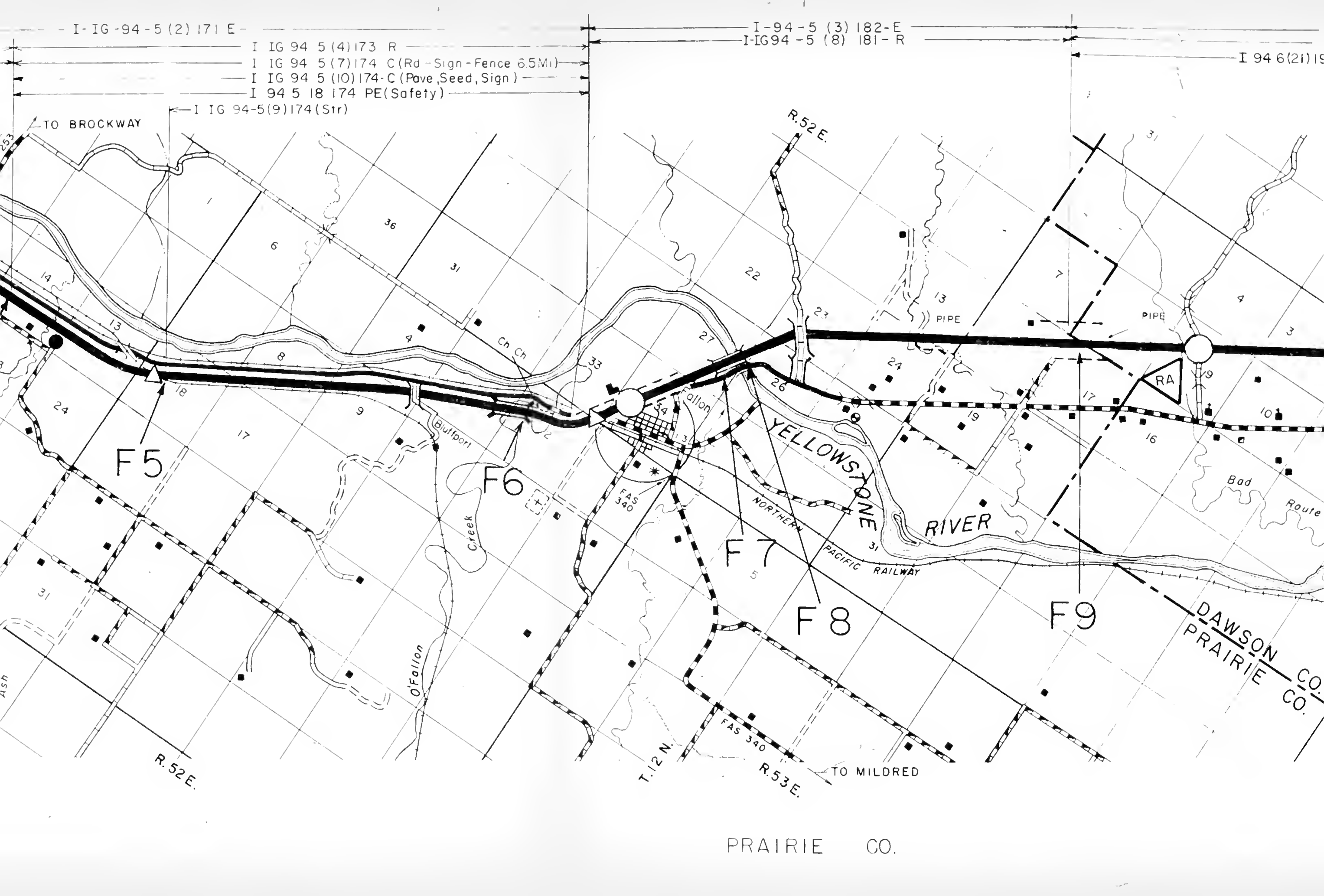
I 94-5(12) 160 C (Gr, Str, Fen,)

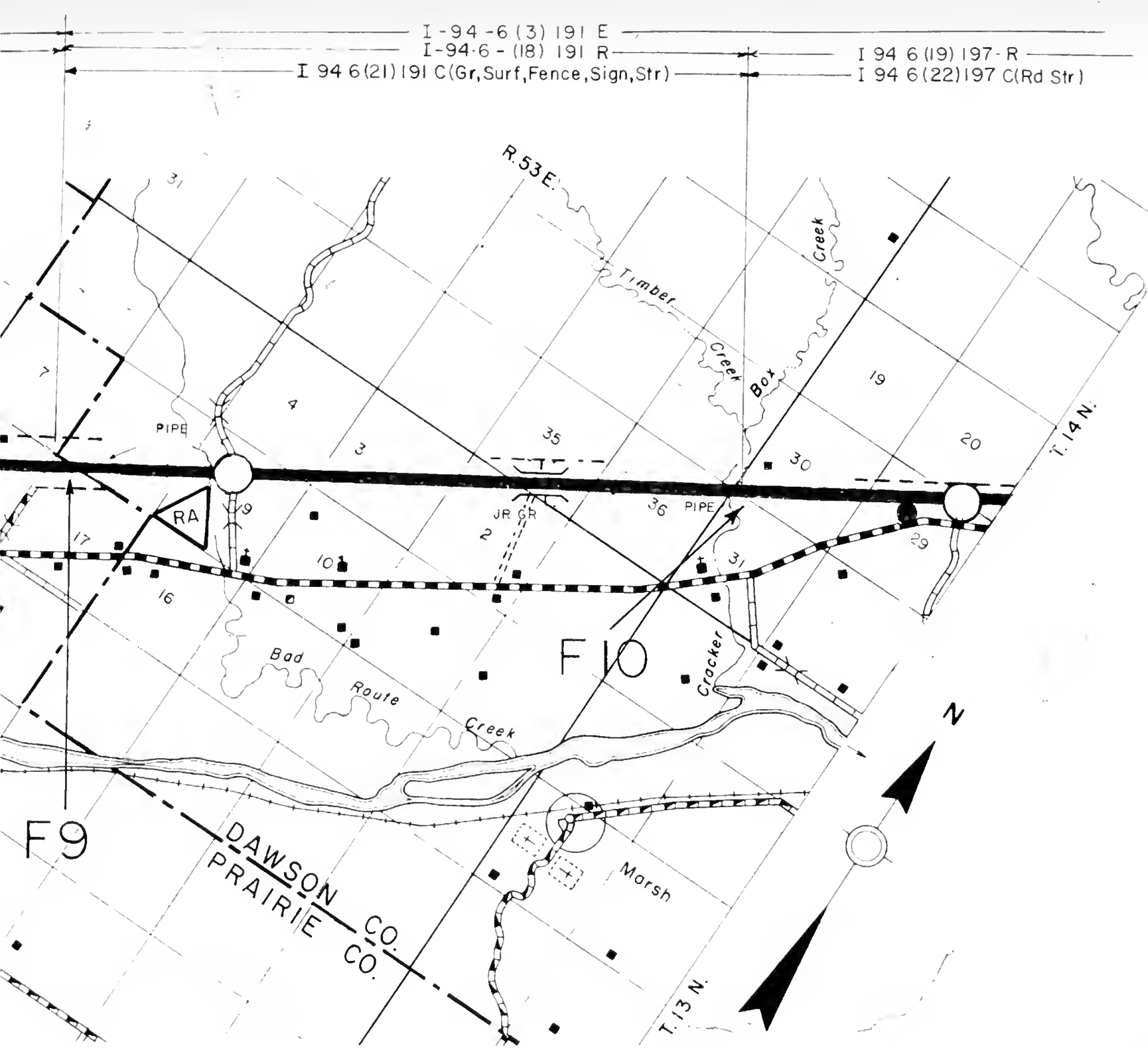
I 94-5(11) 166-C (Gr, Str, Fen, PMB, Sign)

I 94-5(13) 160-C (6.3 Mi. Surf, PMB, Sign)

I 94-5(16)173(Lights)

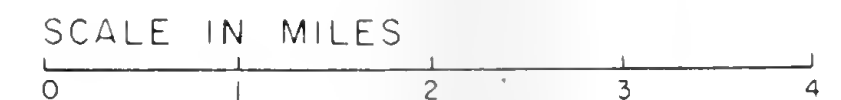






## LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4 - 5
- INTERSTATE LOCATION STEP 1 - 2 - 3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY - RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

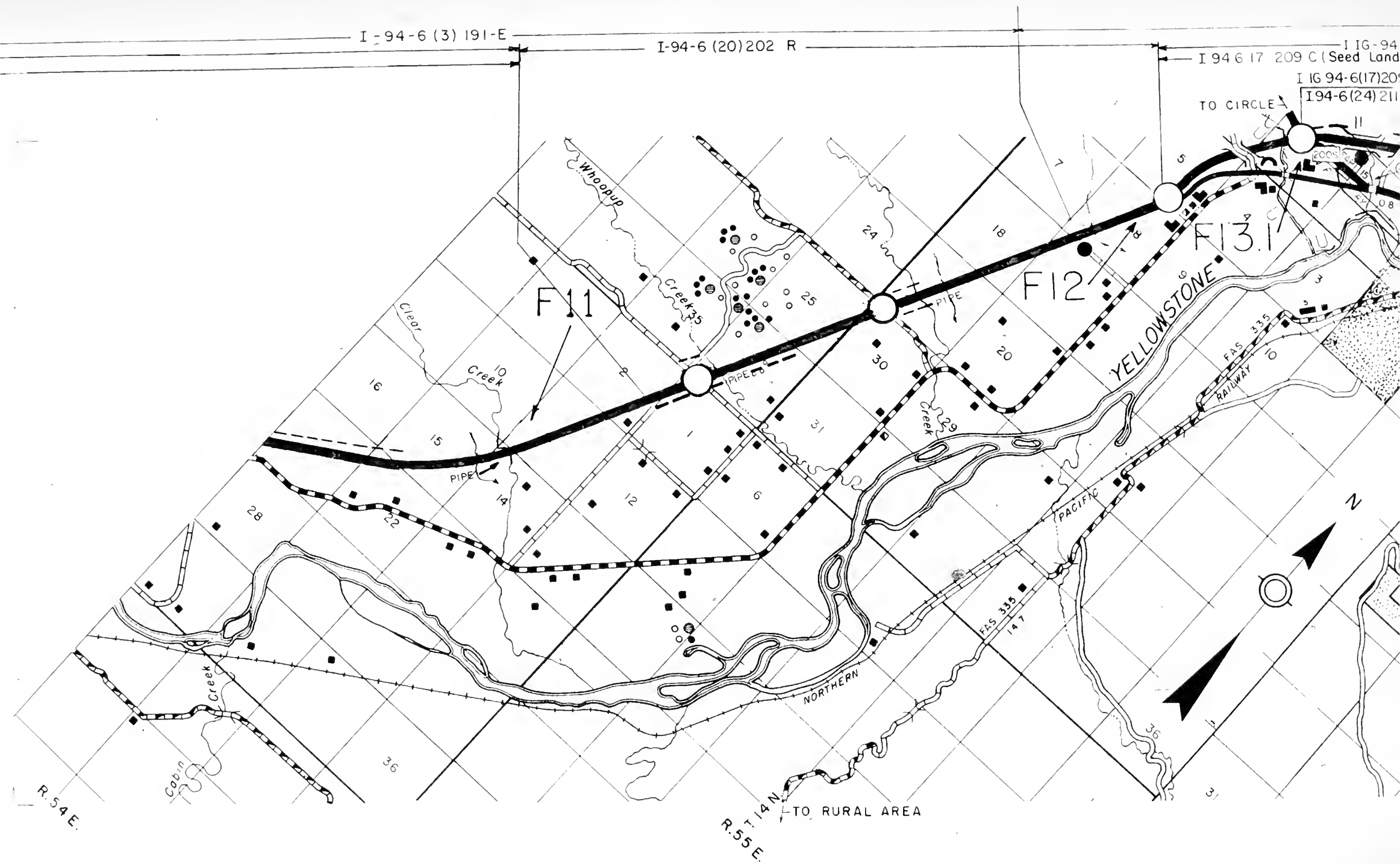


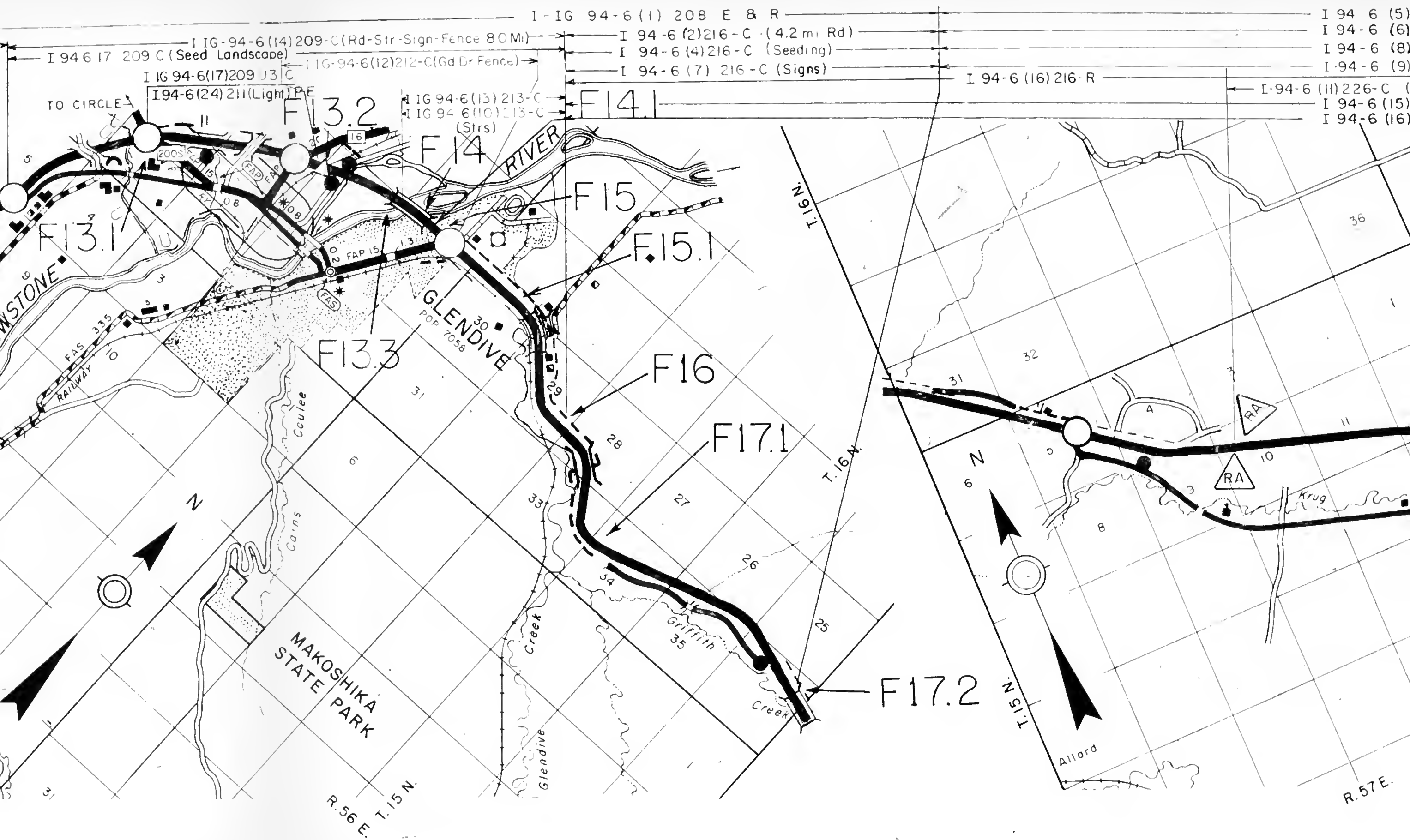
# MONTANA

INTERSTATE ROUTE 94

Sheet 4 of 5

Date December 31, 1972





DAWSON CO.



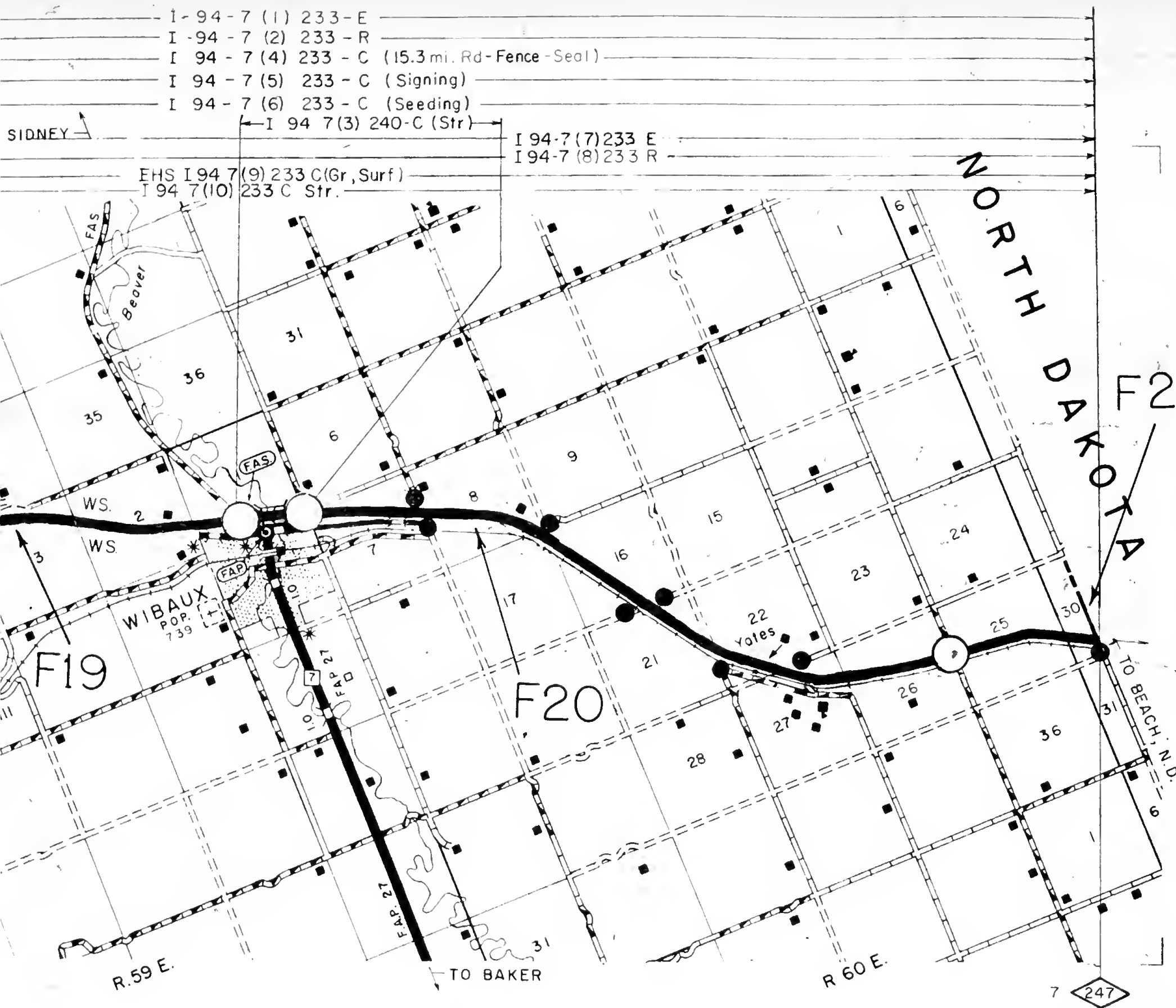
I - 94 - 7 (1)  
I - 94 - 7 (2)  
I 94 - 7 (4)  
I 94 - 7 (5)  
I 94 - 7 (6)

TO SIDNEY

EHS 194 7(9) 2  
-I 94 7(10) 233 0



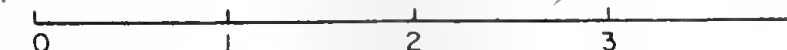




## LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

SCALE IN MILES



# MONTANA

## INTERSTATE ROUTE 94

Sheet 5 of 5

Date December 31, 1972

WIBAUX CO







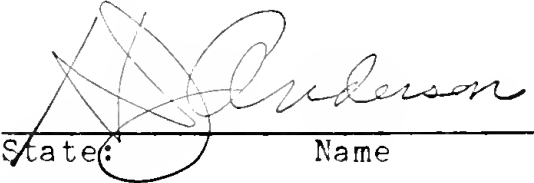
TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE Montana

INTERSTATE ROUTE NO. 115

Sheet 1 of 1 Sheets

ITEM	ESTIMATE SECTION										Subtotal		Total for Rte.
	K1.1 K1.2	K1.2 K2									Rural	Urban	
1. Section Length, miles (0.1)	0.3	1.1									1.4		1.4
2. Class: Rural or Urban (R or U)	R	R											
3. Urban Area identification (name and code)													
4. Location: Existing, new or toll (E, N or T)	E	E											
5. Mileage increment: Code 1, 2, or 3	1	1											
6. Design speed (V)	70	50											
7. Base year traffic (1972 ADT)	3088	3333											
8. Traffic: a. Design year (19 )	88	88											
b. ADT Design year	7150	6500											
c. DHV Design year	830	750											
d. D Directional distribution factors	60	60											
e. T Percent trucks design year (DHV)	8	8											
f. T Percent trucks design year (ADT)	12	12											
g. Assigned Corridor ADT design year													
9. Number of through traffic lanes (Design yr trf)	4	4											
10. Mileage without frontage roads	0.3	1.1									1.4		1.4
11. Mileage with frontage roads													
12. Typical cross-section reference	30	30											
13. Right -of-Way Width: Prevailing	300	300											
14. Median Width: Prevailing	76	76											

Signature:  Director of Highways July 16, 1973  
State: \_\_\_\_\_ Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

HM Stewart Division Engineer July 16, 1973  
FHWA: \_\_\_\_\_ Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 115  
Sheet 1 of 1 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE										Subtotal		
	K1.1 K1.2	K1.2 K2									Rural	Urban	Total for hte.
Section Length, miles (0.1)	0.2	1.1									1.4		1.4
Class: Rural or Urban (R or U)	R	R											
Urban Area identification (name and code)													
Location: Existing, new or toll (E, N or T)	E	E											
Mileage increment: Code 1, 2, or 3	1	1											
No. Lanes to be constructed this estimate	0	0											
No. through traffic lanes	4	4											
Status of improvement Dec. 31, 1972 (PR-511)	1a(1)f	1a(1)f											
WORK CLASSIFICATION													
1. Preliminary Engineering													
2. Right -of-Way													
a. Right -of-Way and acquisition													
b. Relocation payments and services													
3. Clear & grub													
4. Utility adjustments													
5. Grade & drain; minor structures													
6. Subbase; base; surfacing; shoulders													
7. R.R. grade separations													
8. Highway grade separations without ramps													
9. Interchanges													
10. Other bridges; tunnels													
11. Walls													
12. Traffic control and safety improvements													
a. Guardrail; fencing; lighting; traffic control devices													
b. Motorist service signs													
c. Safety improvements on completed sections	10	35									45		45
13. Roadside improvement													
a. Erosion Control													
b. Landscape Planting													
c. Safety rest areas													
d. Scenic overlooks													
14. All other items													
15. Subtotal, lines 3 to 14	10	35									45		45
16. Construction Engineering & Contingencies, 10% of Line 15	2	5									7		7
17. Total Cost of Construction, Lines 15 & 16	12	40									52		52
18. Total Estimate Cost, line 1, 2 & 17	12	40									52		52

Signature: [Signature] Director of Highways July 16, 1973  
State: \_\_\_\_\_ Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_FHWA: [Signature] Division Engineer July 16, 1973  
Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_



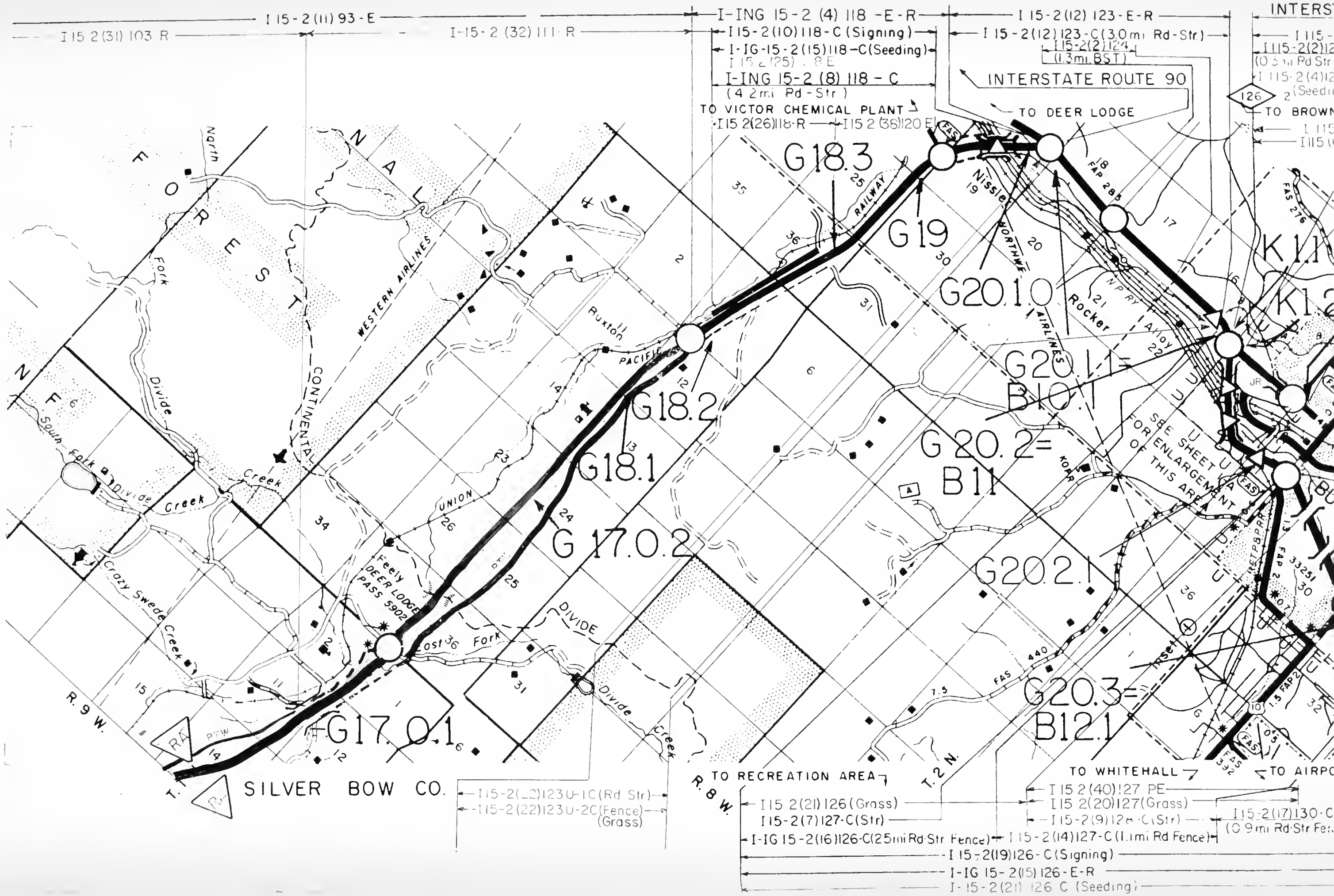
TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES AND SAFETY REST AREAS  
BY ESTIMATE SECTIONS WITH ROUTE TOTALS

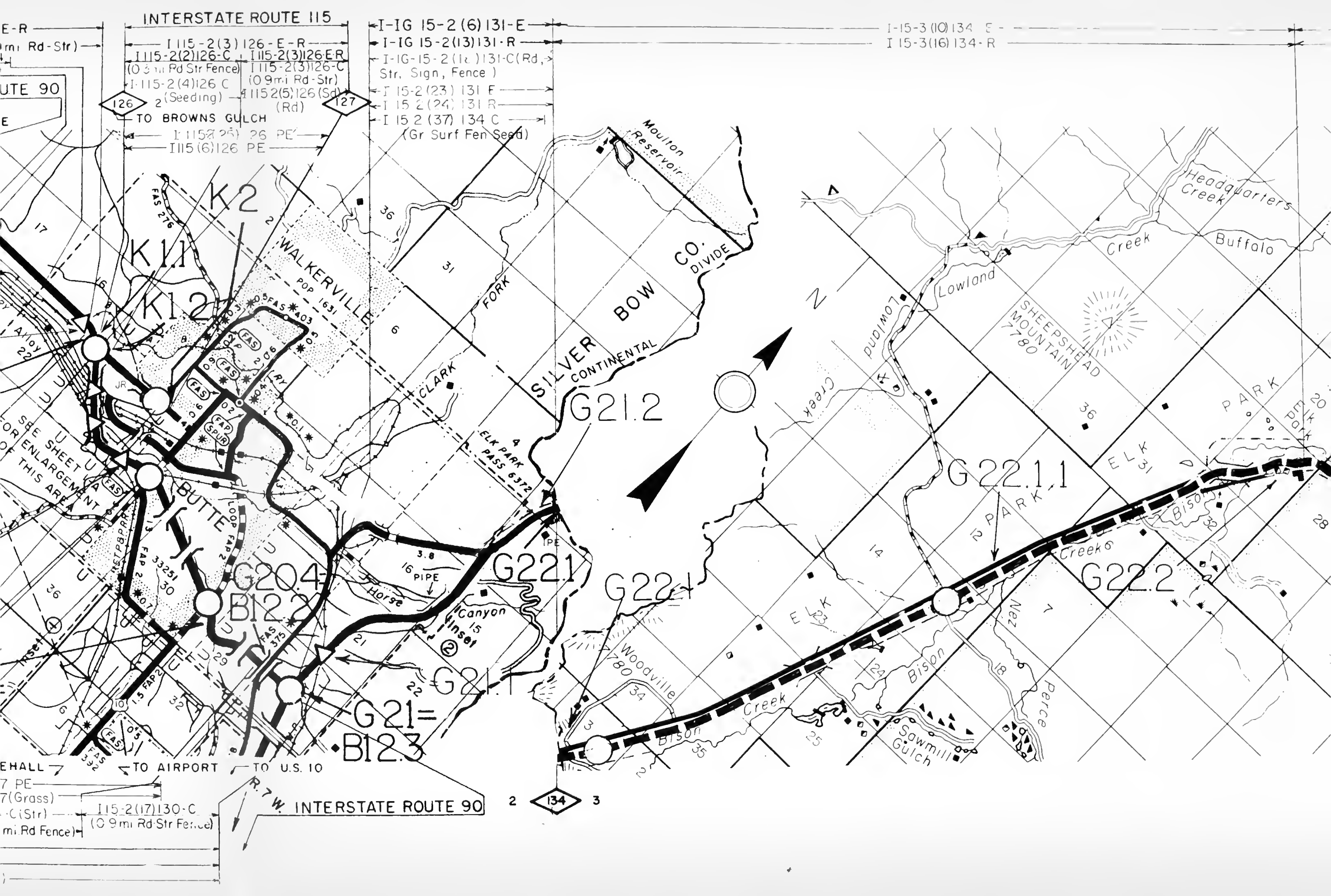
STATE Montana

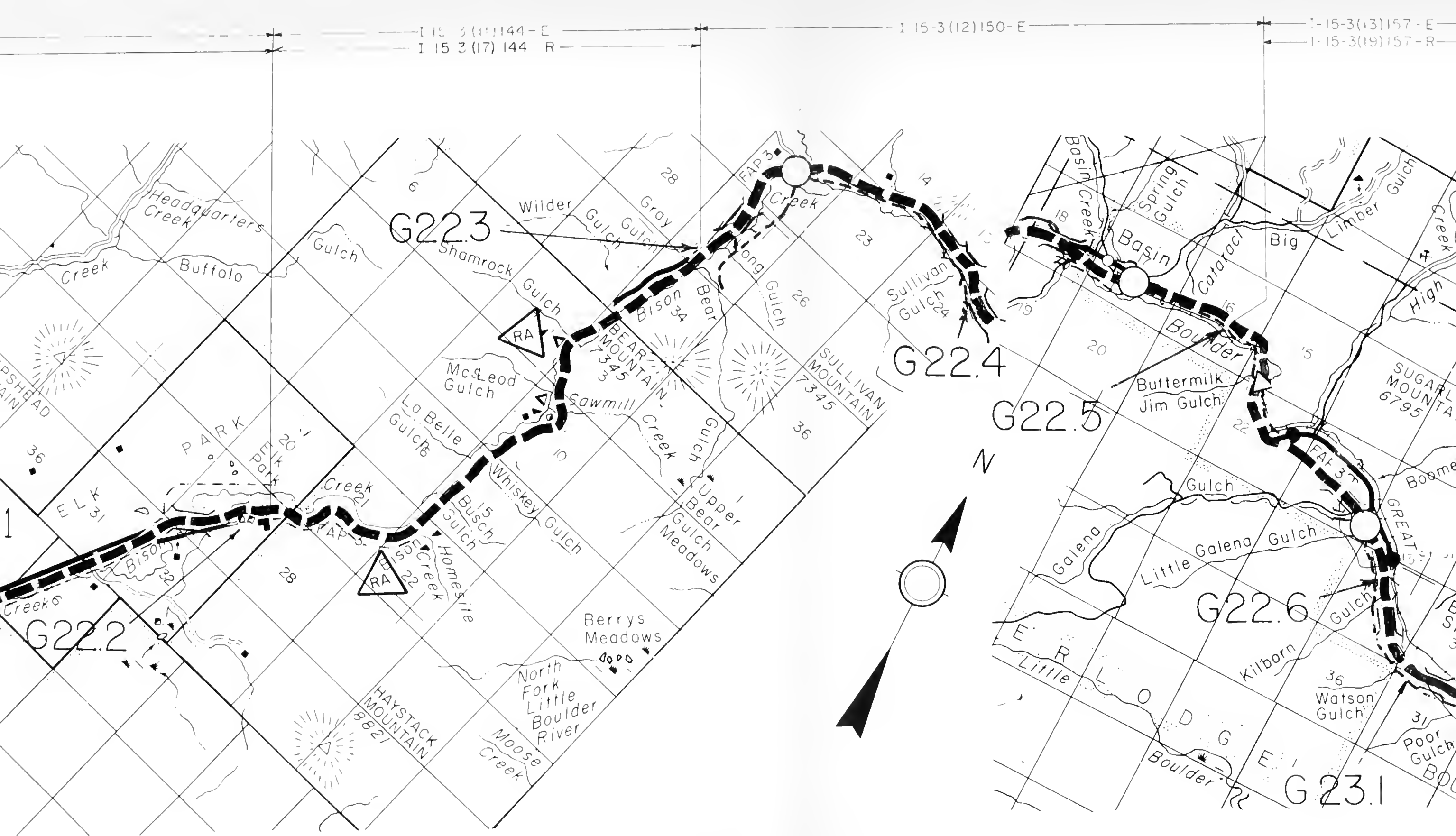
INTERSTATE ROUTE NO. 115  
Sheet 1 of 1 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE											Subtotal		
	K1.1	K1.2										Rural	Urban	Total for Rte.
	K1.2	K2												
	22	22												
Section length, miles (0.1)	0.3	1.1										1.4		1.4
Class: Rural or Urban (R or U)	R	R												
Urban Area identification (name and code)														
Location: Existing, new or toll (E, N or T)	E	E												
Mileage increment: Code 1, 2, or 3	1	1												
No. Lanes to be constructed this estimate	0	0												
No. through traffic lanes	4	4												
Status of improvement, Dec. 31, 1972 (PR-511)	1a(1)f	1a(1)f												
	ESTIMATED COSTS (\$1,000) AND NUMBER OF UNITS													
Item No. From Table C	WORK CLASSIFICATION	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units
7. R.R. grade separations - Total cost														
a. No. to be constructed														
Cost														
b. No. in service or authorized														
Cost														
8. Highway grade separations without ramps-Total Cost														
a. No. to be constructed														
Cost														
b. No. in service or authorized		2										2		2
Cost														
9. Interchanges - Total Cost														
a. No. to be constructed														
Cost														
b. No. in service or authorized		1										1		1
Cost														
10. Other bridges and tunnels - Total cost														
a. No. to be constructed														
Cost														
b. No. in service or authorized														
Cost														
	ESTIMATED COSTS (\$1,000) AND NUMBER OF SAFETY REST AREAS													
13c. Safety rest areas - Total cost														
a. No. to be constructed														
Cost														
b. No. in service or authorized														
Cost														

Signature: [Signature] Director of Highways July 16, 1973  
State: \_\_\_\_\_ Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
FHWA: [Signature] Division Engineer July 16, 1973  
Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_













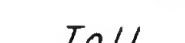




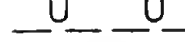
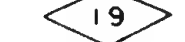


JEFFERSON CO.

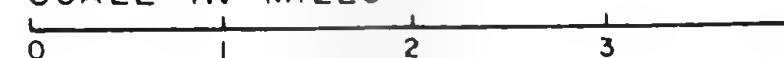


3) 157-E  
 9) 157-R  
 1-15-3 (3) 157-E  
 1-15-3 (14) 155-R  
 1-15-3 (20) 155 C (Gr, Surf, PMB, Sn, Fn, Str)  
 1-15-3 (21) 162 (Gr Str) C  
 1-15-3 (27) 162 (Surf Sn) C

# LEGEND FOR INTERSTATE ROUTES

-  INTERSTATE LOCATION STEP 4-5
-  INTERSTATE LOCATION STEP 1-2-3
-  INTERCHANGE
-  HIGHWAY GRADE SEPARATION - NO CONNECTION
-  RAILROAD GRADE SEPARATION
-  COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
-  OTHER BRIDGE
-  TUNNEL
-  TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
-  FRONTAGE ROAD
-  TERMINATED CROSS ROAD
-  INTERSECTION AT-GRADE
-  URBAN AREA BOUNDARY
-  POST MILEAGE
-  ROUTE SECTIONS

SCALE IN MILES



# MONTANA

INTERSTATE ROUTE 15

Sheet 3 of 8

Date DECEMBER 31, 1972

INTERSTATE ROUTE 115

(COMPLETE ROUTE ON THIS SHEET.)

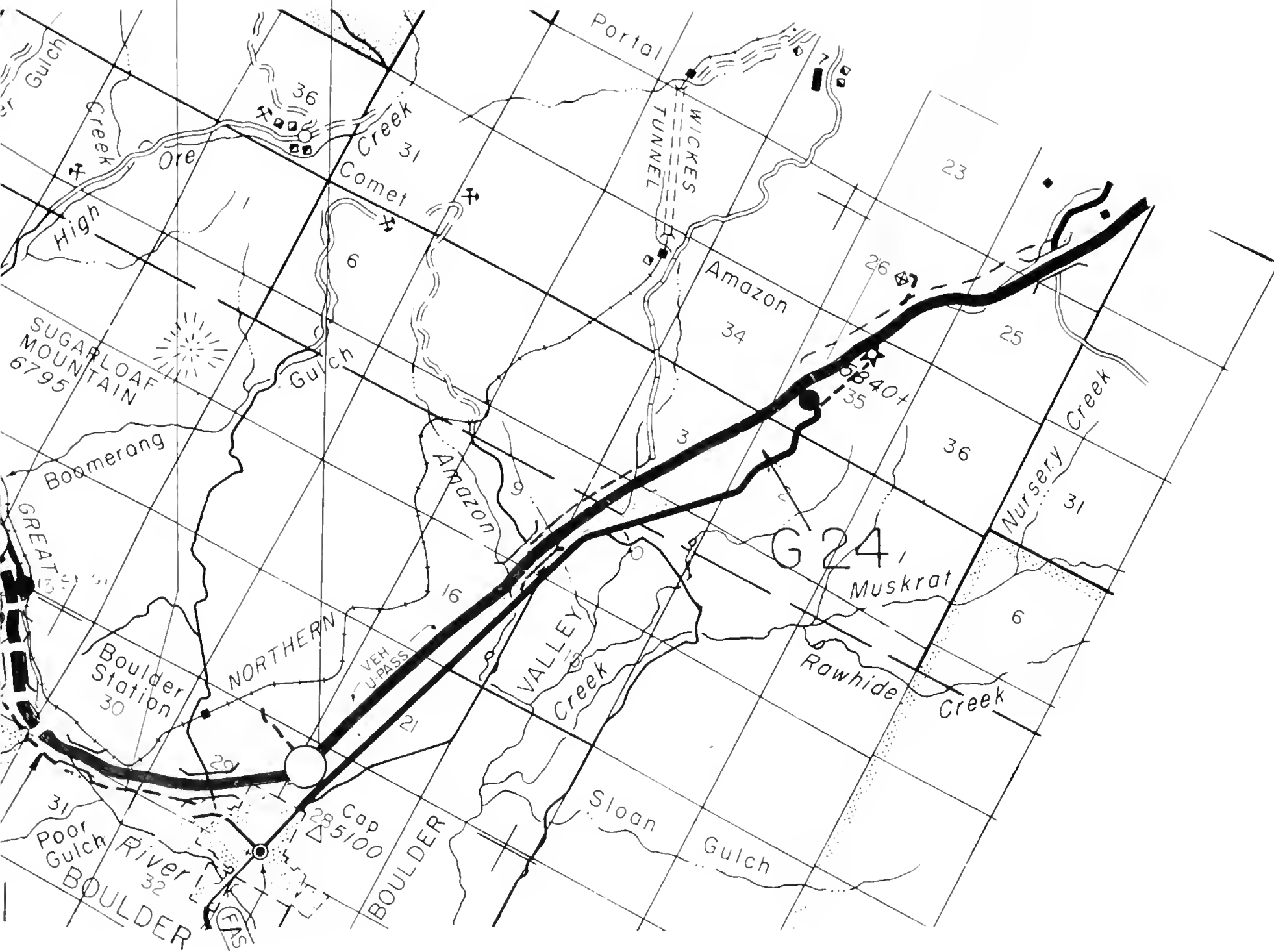






TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE Montana

INTERSTATE ROUTE NO. 315

Sheet 1 of 1 Sheets

ITEM	ESTIMATE SECTION											Subtotal		
	L1 L2	L2 L3										Rural	Urban	Total for Rte.
1. Section Length, miles (0.1)	0.3	0.5											0.8	0.8
2. Class: Rural or Urban (R or U)	U*	U*												
3. Urban Area identification (name and code)	357#	357#												
4. Location: Existing, new or toll (E, N or T)	E	E												
5. Mileage increment: Code 1, 2, or 3	1	1												
6. Design speed (V)	50	50												
7. Base year traffic (1972 ADT)	6263	6263												
8. Traffic: a. Design year (19 )	84	84												
b. ADT Design year	13150	13150												
c. DHV Design year	15	15												
d. D Directional distribution factors	60	60												
e. T Percent trucks design year (DHV)	7	7												
f. T Percent trucks design year (ADT)	10	10												
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4												
10. Mileage without frontage roads	0.3	0.5											0.8	0.8
11. Mileage with frontage roads														
12. Typical cross-section reference	30	30												
13. Right -of-Way Width: Prevailing	240	200												
14. Median Width: Prevailing	20	20												

# Great Falls  
 \* Section is comparable to a corresponding section in the 1972 Estimate.

Signature: [Signature] Director of Highways July 16, 1973  
 State: \_\_\_\_\_ Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

[Signature] Division Engineer July 16, 1973  
 FHWA: \_\_\_\_\_ Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 315  
Sheet 1 of 1 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE										Subtotal		
	L1 L2	L2 L3									Rural	Urban	Total for Rte.
Section Length, miles (0.1)	22 0.3	22 0.5										0.8	0.8
Class: Rural or Urban (R or U)	U*	U*											
Urban Area identification (name and code)	357#	357#											
Location: Existing, new or toll (E, N or T)	F	F											
Mileage increment: Code 1, 2, or 3	1	1											
No. Lanes to be constructed this estimate	0	0											
No. through traffic lanes	4	4											
Status of improvement Dec. 31, 1972 (PR-511)	1a(1)f	1a(1)f											
WORK CLASSIFICATION													
1. Preliminary Engineering												25	25
2. Right -of-Way													
a. Right -of-Way and acquisition		25											
b. Relocation payments and services													
3. Clear & grub													
4. Utility adjustments													
5. Grade & drain; minor structures													
6. Subbase; base; surfacing; shoulders													
7. R.R. grade separations													
8. Highway grade separations without ramps													
9. Interchanges													
10. Other bridges; tunnels													
11. Walls													
12. Traffic control and safety improvements													
a. Guardrail; fencing; lighting; traffic control devices													
b. Motorist service signs													
c. Safety improvements on completed sections	11	19										30	30
13. Roadside improvement													
a. Erosion Control													
b. Landscape Planting													
c. Safety rest areas													
d. Scenic overlooks													
14. All other items													
15. Subtotal, lines 3 to 14	11	19										30	30
16. Construction Engineering & Contingencies, 10% of Line 15	2	3										5	5
17. Total Cost of Construction, Lines 15 & 16	13	22										35	35
18. Total Estimate Cost, line 1, 2 & 17	13	47										60	60

- # Great Falls  
\* Section is comparable to a corresponding section in the 1972 Estimate.

Signature: [Signature] Director of Highways July 16, 1973  
 State: Montana Name [Name] Title [Title] Date [Date]  
[Signature] Division Engineer July 16, 1973  
 FHWA: [Name] Name [Name] Title [Title] Date [Date]

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES AND SAFETY REST AREAS  
BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE Montana

INTERSTATE ROUTE NO. 315  
Sheet 1 of 1 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE											Subtotal		
	L1 L2	L2 L3										Rural	Urban	Total for Rte.
Section length, miles (0.1)	22	22												
Class: Rural or Urban (R or U)	0.3	0.5											0.8	0.8
Urban Area identification (name and code)	U*	U*												
Location: Existing, new or toll (E, N or T)	357#	357#												
Mileage increment: Code 1, 2, or 3	E	E												
No. Lanes to be constructed this estimate	1	1												
No. through traffic lanes	0	0												
Status of improvement, Dec. 31, 1972 (PR-511)	4	4												
	1a(1)f	1a(1)f												
ESTIMATED COSTS (\$1,000) AND NUMBER OF UNITS														
Item No. From Table C	WORK CLASSIFICATION	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units	Units
7.	R.R. grade separations - Total cost													
a.	No. to be constructed													
	Cost													
b.	No. in service or authorized	1											1	1
	Cost													
8.	Highway grade separations without ramps-Total Cost													
a.	No. to be constructed													
	Cost													
b.	No. in service or authorized	1											1	1
	Cost													
9.	Interchanges - Total Cost													
a.	No. to be constructed													
	Cost													
b.	No. in service or authorized													
	Cost													
10.	Other bridges and tunnels - Total cost													
a.	No. to be constructed													
	Cost													
b.	No. in service or authorized													
	Cost													
ESTIMATED COSTS (\$1,000) AND NUMBER OF SAFETY REST AREAS														
13c.	Safety rest areas - Total cost													
a.	No. to be constructed													
	Cost													
b.	No. in service or authorized													
	Cost													

# Great Falls  
\* Section is comparable to a corresponding section in the 1972 Estimate.

Signature: [Signature] Director of Highways July 16, 1973  
State: Montana Name Title Date  
[Signature] Division Engineer July 16, 1973  
FHWA: Stewart Name Title Date

I-15-4 (3) 209 - E

I-15-5 (21) 230 R

I-15-4 (23) 221 - R

I-15-4 (26) 221 C (Rd, Str, Sign, Fence)

I-15-4 (32) 218 C (Seed)

I-15-4 (42) 221 E (Slide)

I-15-4 (46) 221 C (Detour) I-15-4 (29) 227-C Str

I-15-4 (46) 222 U2 (Gr, PMB)

I-15-4 (28) 228-C (Rd, Str, Fen)

I-15-4 (41) 228-C (Seed)

I-15-4 (39) 229-C (Str)

I-15-5 (35) 230 (Strs), 3.1 mi, Gr, Fen

I-15-5 (43) 230-C (Str)

I-15-4 (33) 229 C (1 mi, Gr, Fen)

I-15-5 (35) 230 C (Gr, PMB  
Fen, Str)

I-15-5 (25) 238 C (Culv)

I-15-5 (23) 234 C (Rd, Str, Fence)

I-15-5 (33) 237 C Str (4.6 mi)

I-15-5 (49) 234-C (Slope Protection)

I-15-5 (56) 234 (PE)

LEWIS &  
CLARK CO

CASCADE  
CO

I-15-4 (33) 229 C (Gr, RA,  
PMB Fence)  
& Modif.

I-15-5 (43) 230 C Str 3.1

TO I-15 - WOLF CREEK

28

H3

H4.0.1

H4.0.2

H5

H7.1

H6

MISSOURI

R.3 W.

Wagner

Stickney Creek

AIRLINES

WESTERN

T.15 N.

LEWIS & CLARK CO.

R.2 W.

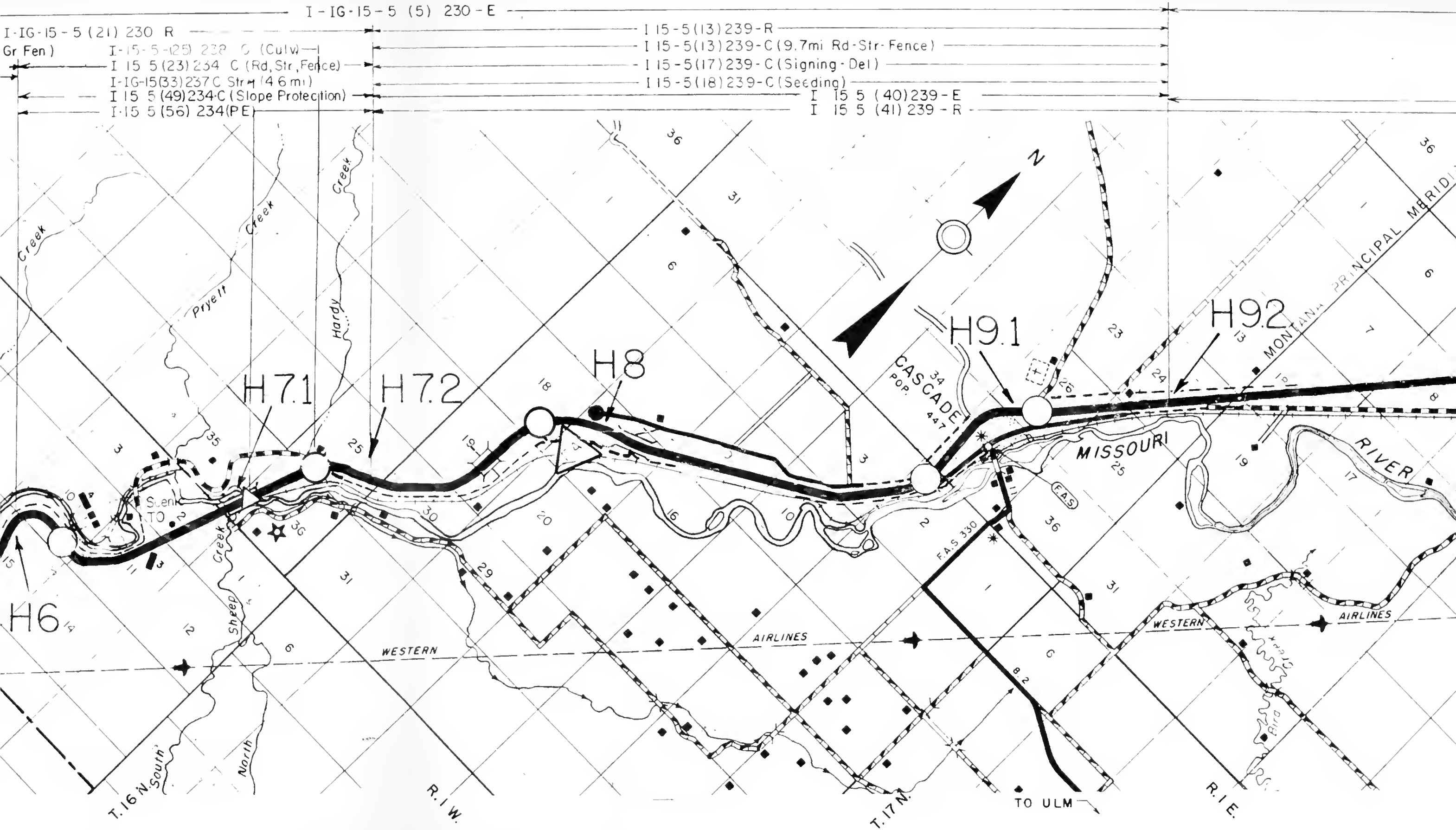
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230

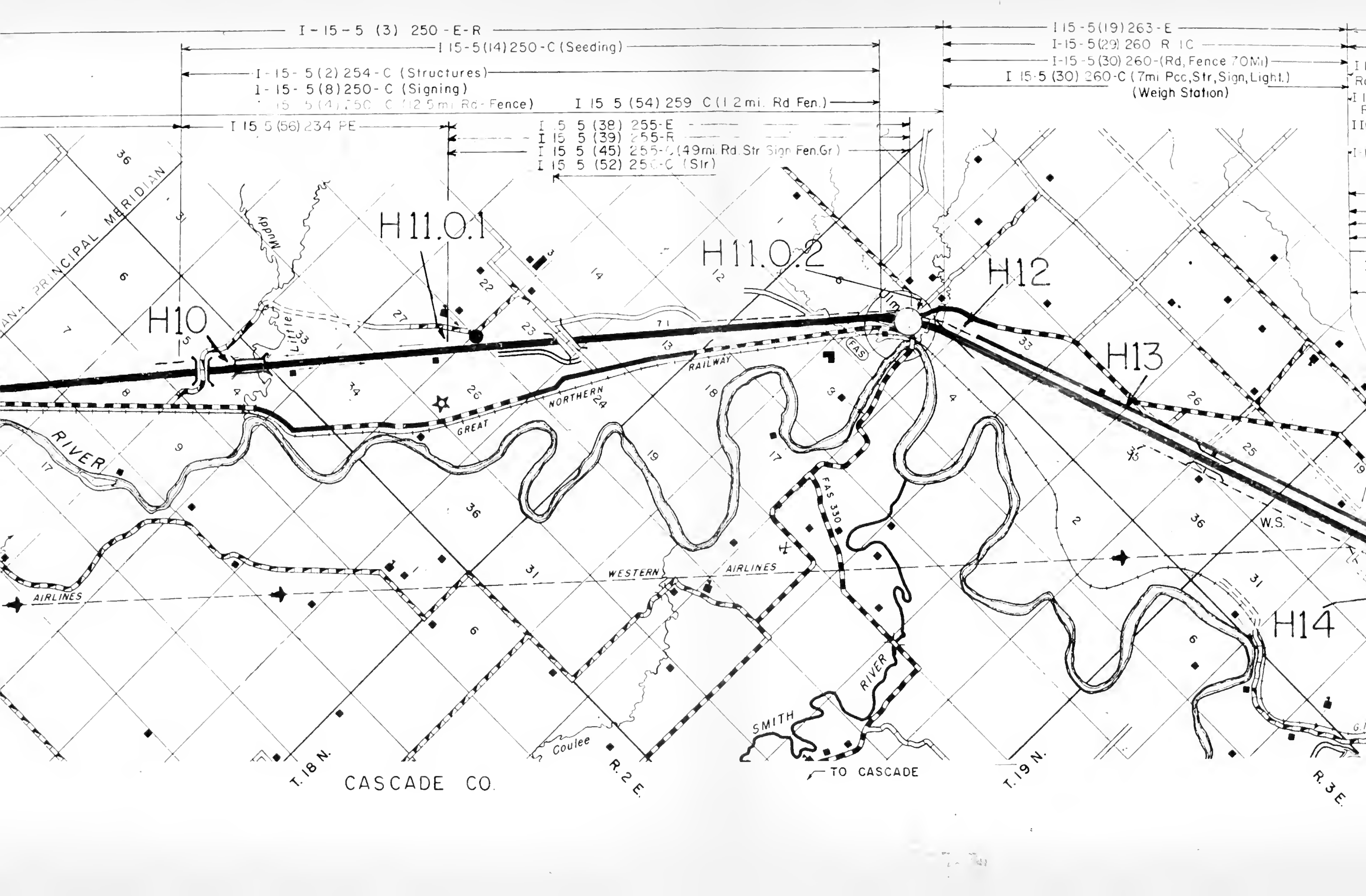
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T.16 N. South

North









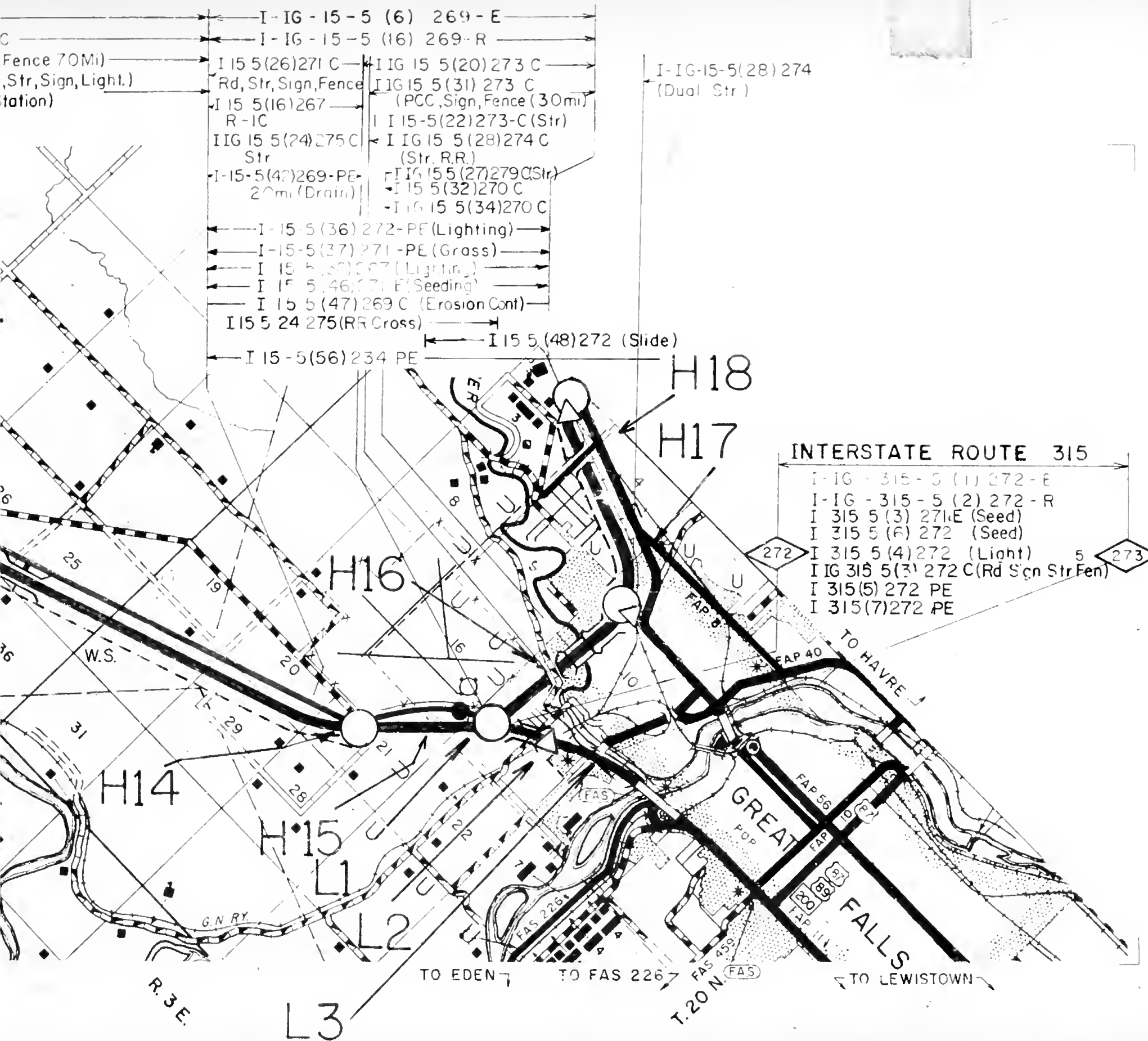








TABLE D-1-COST ESTIMATE BY ROUTES AND STATE TOTAL

STATE MONTANA

(Includes All Costs to Complete the System)

Interstate Route Number	I-15		I-90		I-94		I-115		I-315		SUBTOTALS		TOTALS
Class: Rural or Urban (R or U)	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	
Length, miles	386.1	9.0	528.4	15.3	244.4	3.4	1.4	0.0	0.0	0.8	1160.3	28.5	1188.8
WORK CLASSIFICATION	ESTIMATED COSTS (\$1,000 DOLLARS)												
1. Preliminary Engineering	852	2	709	6	276	2				25	1837	36	1873
2. Rights-of-way													
a. Rights-of-way and acquisition	1069		3175		328						4572		4572
b. Relocation payments and services	61		287								348		348
3. Clear & Grub	287		589								876		876
4. Utility Adjustments	360		1749		49						2158		2158
5. Grade & Drain; minor structures	31601		37299	153	13583						82483	153	82636
6. Subbase; base; surfacing; shoulders	23218		38605	681	13311						75134	681	75815
7. R.R. grade separations	2787		6010		364						9161		9161
8. Highway grade separations without ramps	3545		4497		2025						10067		10067
9. Interchanges	8218		8791	9	3702						20711	9	20720
10. Other bridges; tunnels	5095		24681		5684						35460		35460
11. Walls			705								705		705
12. Traffic Control and safety improvements													
a. Guardrail; fencing; lighting; traffic control devices	2658		3846	38	1556						8060	38	8098
b. Motorist service signs	58	2	36		18						112	2	114
c. Safety improvements on completed sections	2282	308	3999	339	1232	108	45			30	7558	785	8343
13. Roadside improvement													
a. Erosion Control	2095		2934	4	1020						6049	4	6053
b. Landscape planting	235		161	102	58						454	102	556
c. Safety rest areas	2543		2650		1230						6423		6423
d. Scenic overlooks	197		109		329						635		635
14. All other items	2088		3027	25	916						6031	25	6056
15. Subtotal, lines 3 to 14	87267	310	139688	1351	45077	108	45			30	272077	1799	273876
16. Construction Engineering & Contingencies 10% of Line 15	13090	48	20954	202	6763	16	7			5	40814	271	41085
17. Total Cost of Construction, Lines 15 and 16	100357	358	160642	1553	51840	124	52			35	312891	2070	314961
18. Total Estimated Cost, Lines 1, 2 & 17	102339	361	164813	1559	52444	126	52			60	319648	2106	321754
19. Route Total, Rural plus Urban	102700		166372		52570		52			60			321754

Signature: [Signature] Director of Highways July 16, 1973  
 State: \_\_\_\_\_ Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

[Signature] Division Engineer July 16, 1973  
 FHWA: \_\_\_\_\_ Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

TABLE D-2-COST ESTIMATE BY ROUTES AND STATE TOTAL

STATE MONTANA

(Includes Only Those Costs Eligible for FAI Funding)

Inrerstate Route Number	I-15		I-90		I-94		I-115		I-315		SUBTOTALS		TOTALS
Class: Rural or Urban (R or U)	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	
Length, miles	386.1	9.0	528.4	15.3	244.4	3.4	1.4	0.0	0.0	0.8	1160.3	28.5	1188.8
WORK CLASSIFICATION	ESTIMATED COSTS (\$1,000 DOLLARS)												
1. Preliminary Engineering	852	3	709	6	276	2				25	1837	36	1873
2. Right -of-way	1069		3175		328						4572		4572
a. Right -of-way and acquisition	61		287								348		348
b. Relocation payments and services	287		589								876		876
3. Clear & Grub	360		1749		49						2158		2158
4. Utility Adjustments	31601		37299	153	13583						82483	153	82636
5. Grade & Drain; minor structures	23218		38605	681	13311						75134	681	75815
6. Subbase; base; surfacing; shoulders	2787		6010		364						9161		9161
7. R.R. grade separations	3545		4497		2025						10067		10067
8. Highway grade separations without ramps	8218		8791	9	3702						20711	9	20720
9. Interchanges	5095		24681		5684						35460		35460
10. Other bridges; tunnels			705								705		705
11. Walls													
12. Traffic Control and safety improvements													
a. Guardrail; fencing; lighting; traffic control devices	2658		3846	38	1556						8060	38	8098
b. Motorist service signs	58	2	36		18						112	2	114
c. Safety improvements on completed sections	2282	308	3999	339	1232	108	45			30	7558	785	8343
13. Roadside improvement													
a. Erosion Control	2095		2934	4	1020						6049	4	6053
b. Landscape planting	235		161	102	58						454	102	556
c. Safety rest areas	2543		2650		1230						6423		6423
d. Scenic overlooks	197		109		329						635		635
14. All other items	2088		3027	25	916						6031	25	6056
15. Subtotal, lines 3 to 14	87267	310	139688	1351	45077	108	45			30	272077	1799	273876
16. Construction Engineering & Contingencies 10% of Line 15	13090	48	20954	202	6763	16	7			5	40814	271	41085
17. Total Cost of Construction, Lines 15 and 16	100357	358	160642	1553	51840	124	52			35	312891	2070	314961
18. Total Estimated Cost, Lines 1, 2 & 17	102339	361	164813	1559	52444	126	52			60	319648	2106	321754
19. Route Total, Rural plus Urban	102700		166372		52570		52			60			321754

Signature: [Signature] Director of Highways July 16, 1973  
 State: \_\_\_\_\_ Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

[Signature] Division Engineer July 16, 1973  
 FHWA: \_\_\_\_\_ Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_



TABLE E - WORK EXPECTED TO BE FINANCED WITH FUNDS OTHER THAN  
FEDERAL-AID INTERSTATE AND STATE MATCHING FUNDS

(Items under Finance Code Numbers 12, 13 and 24, Table C)

STATE MONTANA

Specific Source of Funds	Interstate Route Number	Estimate Section	Work Class	Rural or Urban	Estimated Cost From Table C (1,000 Dollars)
None	None	None	None	None	None
Subtotals:					
a- Other Federal Funds					
b- Other Public Funds					
c- Bond Financing					
Total					

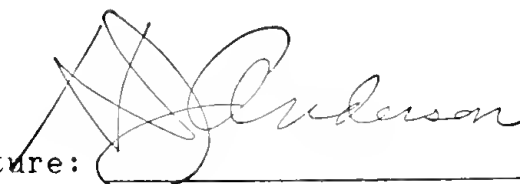

Signature:  Director of Highways July 16, 1973  
State: \_\_\_\_\_ Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
FHWA:  Division Engineer July 16, 1973  
Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

TABLE E-1 COST OF INTERSTATE BOND, ACI AND ADVANCE

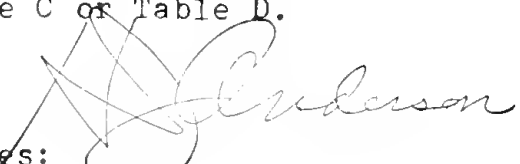
AQUISITION PROJECTS

(Projects completed or in authorized status as of January 1, 1973)

STATF Montana

Interstate Route	Estimate Section	Project No.	Work Class	Rural or Urban	Actual or Estimated Project Costs		Total Cost
					Federal (I) Funds	State Matching	
"Preparation of Estimate"		I-EST 4(001)			32	3	35
TOTALS					32	3	35

The above projects are not included in Table C or Table D.

Signatures:  \_\_\_\_\_  
State: \_\_\_\_\_ Name \_\_\_\_\_ Title Director of Highways Date July 16, 1973

 \_\_\_\_\_  
FHWA: \_\_\_\_\_ Name \_\_\_\_\_ Title Division Engineer Date July 16, 1973



